

Number & Place Value

- ✧ count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- ✧ recognise the place value of each digit in a two-digit number (tens, ones)
- ✧ identify, represent and estimate numbers using different representations, including the number line
- ✧ compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs
- ✧ read and write numbers to at least 100 in numerals and in words
- ✧ use place value and number facts to solve problems.

Addition & Subtraction

- ✧ solve problems with addition and subtraction:
- ✧ recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- ✧ add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
 - a two-digit number and ones
 - a two-digit number and tens
 - two two-digit numbers
 - adding three one-digit numbers
- ✧ show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- ✧ recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Fractions

- ✧ recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
- ✧ write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

Write the numbers in digits.



_____ twenty - one

_____ twenty - eight

_____ twenty - five

_____ twenty - two

_____ twenty - seven

_____ twenty - four

_____ twenty - three

_____ twenty - six

_____ twenty - nine

_____ thirty

Write these numbers in digits.



21

23

29

24

22

26

Use digits to write the following numbers.



_____ thirty - one

_____ forty

_____ forty - three

_____ fifty

_____ sixty - five

_____ forty - four

_____ seventy - one

_____ thirty - three

_____ ninety - nine

_____ eighty - nine

Write these numbers in words.



33

44

55

66

88

99

Circle the ones in these numbers:

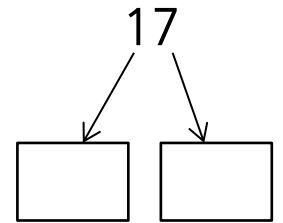
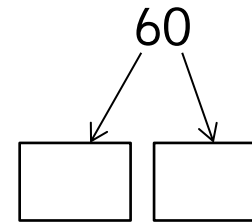
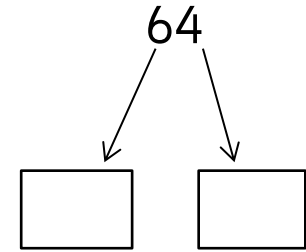
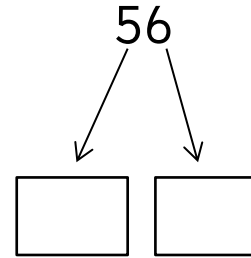
34 56 21 56 67 101

Circle the tens in these numbers:

34 56 21 56 67 101

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Break down these numbers into tens and ones.



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Break down these numbers into tens and ones.

14 = _____ +

63 = _____ +

91 = _____ +

77 = _____ +

50 = _____ +

81 = _____ +

goodstuffprimaryresources.com

Break down these numbers into tens and ones.

14 =

63 =

91 =

77 =

50 =

81 =

goodstuffprimaryresources.com

Which number am I? Circle me!



✧ I have 5 tens and 6 ones.

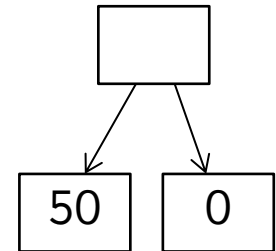
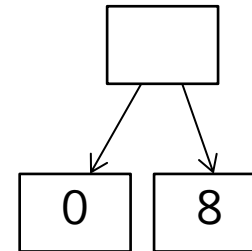
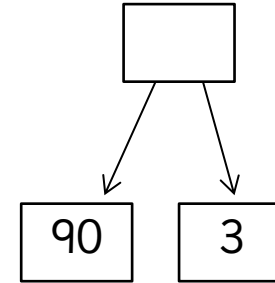
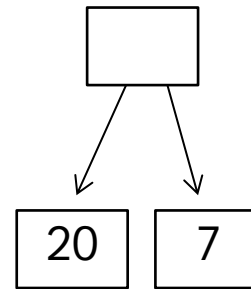
34 56 21 56

✧ I have 3 tens and 4 ones.

34 56 21 56 67 101

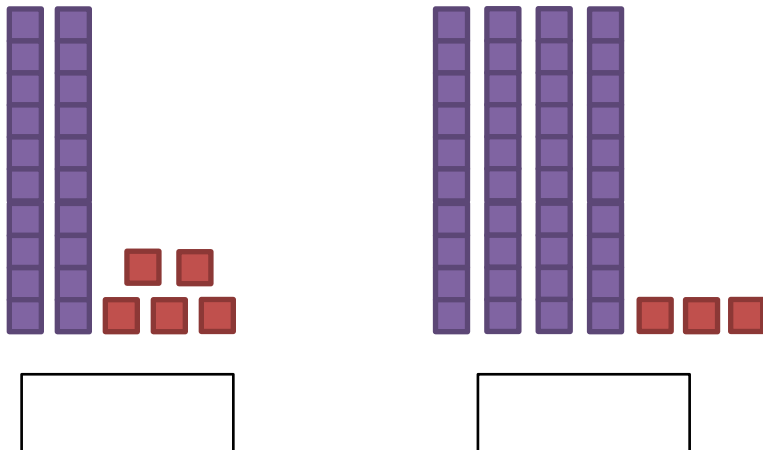
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Look at my tens and ones. What number am I?



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Look at the blocks. They represent tens and ones.
Can you write the numbers they represent?



Which of the two numbers has more ones? Circle it.

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What number am I?



✧ I have 7 ones and 3 tens.

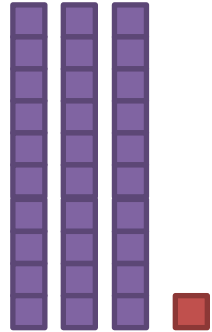
✧ I have 9 tens and 0 ones.

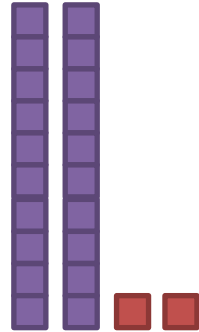
✧ I have 6 tens and 2 ones.

✧ I have 0 tens and 5 ones.

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Look at the blocks. They represent tens and ones.
Can you write the numbers they represent?



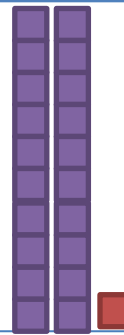


Which of the two numbers has more tens? Circle it.

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This is 21.

Draw the blocks to represent given numbers.



21



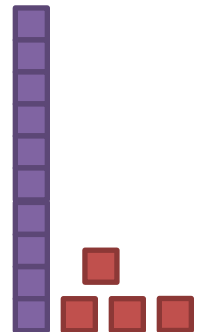
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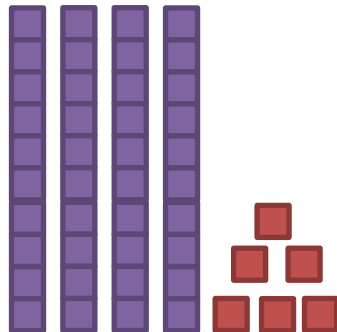
16

40

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Look at the blocks. They represent tens and ones.
Can you write the numbers they represent?





Which of the two numbers has more ones? Circle it.

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This is 25.

Draw the blocks to represent given numbers.



25



22

14

35

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Complete the number pattern:

2		6		10	12			18	
---	--	---	--	----	----	--	--	----	--

3	6	9		15		21		27	
---	---	---	--	----	--	----	--	----	--

10		30	40			70		90	
----	--	----	----	--	--	----	--	----	--

5	10		20			35	40		
---	----	--	----	--	--	----	----	--	--

		3	4		6	7		9	
--	--	---	---	--	---	---	--	---	--

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number

Complete the number pattern:

45	40	35		25			10		0
----	----	----	--	----	--	--	----	--	---

30	27	24		18		12	9		3
----	----	----	--	----	--	----	---	--	---

	90	80	70		50	40		20	
--	----	----	----	--	----	----	--	----	--

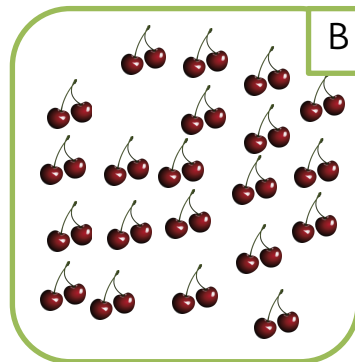
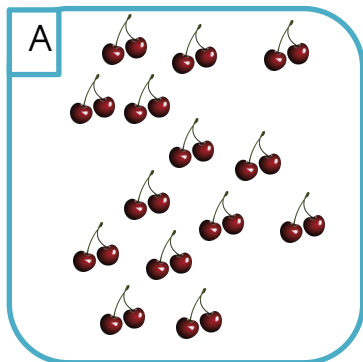
20	18	16		12	10		6		
----	----	----	--	----	----	--	---	--	--

10	9		7	6			3	2	
----	---	--	---	---	--	--	---	---	--

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number

Which box has more cherries? A or B?

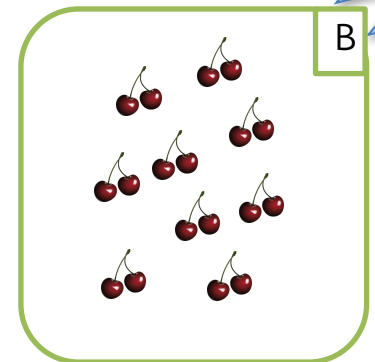
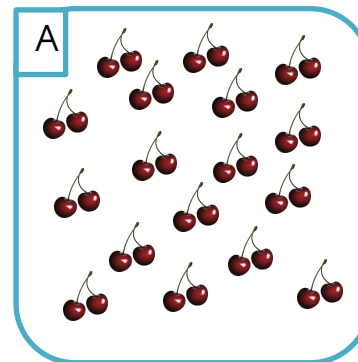


How many cherries are there in each box?

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number

Which box has more cherries? A or B?



How many cherries are there in each box?

Estimate

Estimate

Count

Count

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number

Count in 10s:

10	20		40	50	60		80	90	
----	----	--	----	----	----	--	----	----	--

2	12	22		42	52		72		92
---	----	----	--	----	----	--	----	--	----

13	23	33		53	63	73		93	103
----	----	----	--	----	----	----	--	----	-----

15	25	35		55		75	85		105
----	----	----	--	----	--	----	----	--	-----

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Complete the number pattern:

11	21	31	41		61	71		91	
----	----	----	----	--	----	----	--	----	--

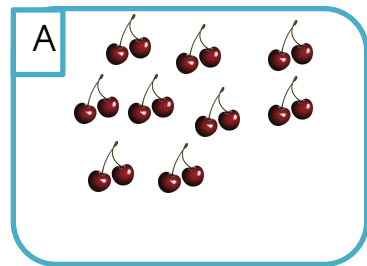
96	86	76		56	46		26		6
----	----	----	--	----	----	--	----	--	---

2	12		32	42		62		82	
---	----	--	----	----	--	----	--	----	--

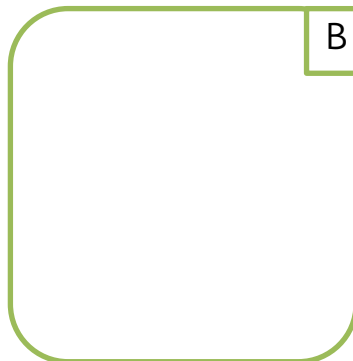
99	89			59		39		19	
----	----	--	--	----	--	----	--	----	--

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There are 18 cherries in the box A.



18

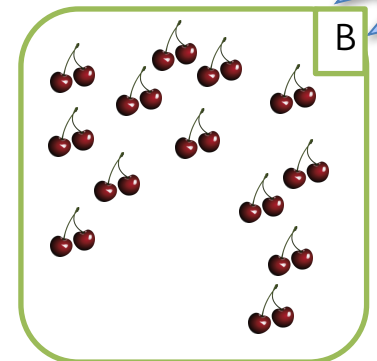
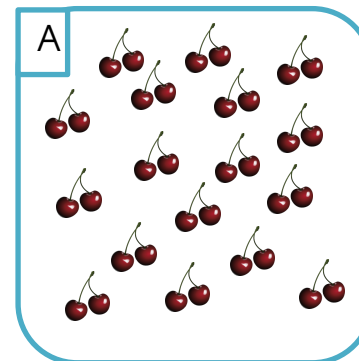


Box B has 2 more cherries than box A.
How many cherries are there in box B?
Draw them.

--

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Both boxes should have the same amount of cherries.



Draw the missing cherries in box B.

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Think of different ways of representing number 10.
Draw resources, pictures and number sentences.



10

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Think of different ways of representing number 21.
Draw resources, pictures and number sentences.



21

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Think of different ways of representing number 15.
Draw resources, pictures and number sentences.



15

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Think of different ways of representing number 24.
Draw resources, pictures and number sentences.



24

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Think of different ways of representing number 12.
Draw resources, pictures and number sentences.



12

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Think of different ways of representing number 25.
Draw resources, pictures and number sentences.



25

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Think of different ways of representing number 14.
Draw resources, pictures and number sentences.



14

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Think of different ways of representing number 32.
Draw resources, pictures and number sentences.



32

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Think of different ways of representing number 11.
Draw resources, pictures and number sentences.

number

11

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Think of different ways of representing number 22.
Draw resources, pictures and number sentences.

number

22

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Think of different ways of representing number 17.
Draw resources, pictures and number sentences.

number

17

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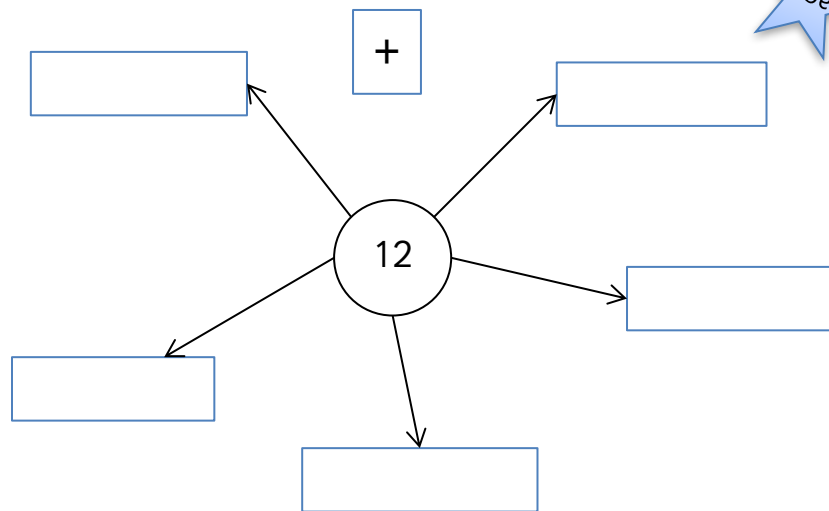
Think of different ways of representing number 30.
Draw resources, pictures and number sentences.

number

30

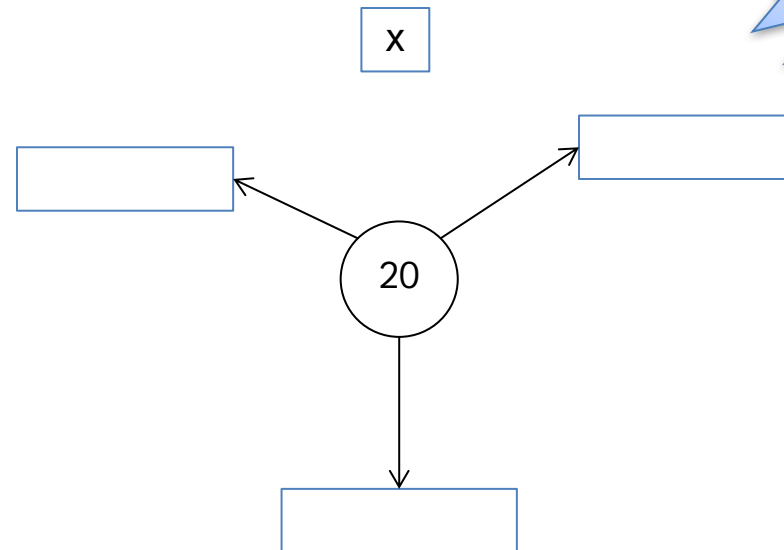
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The answer is **12**. Write 5 addition calculations.



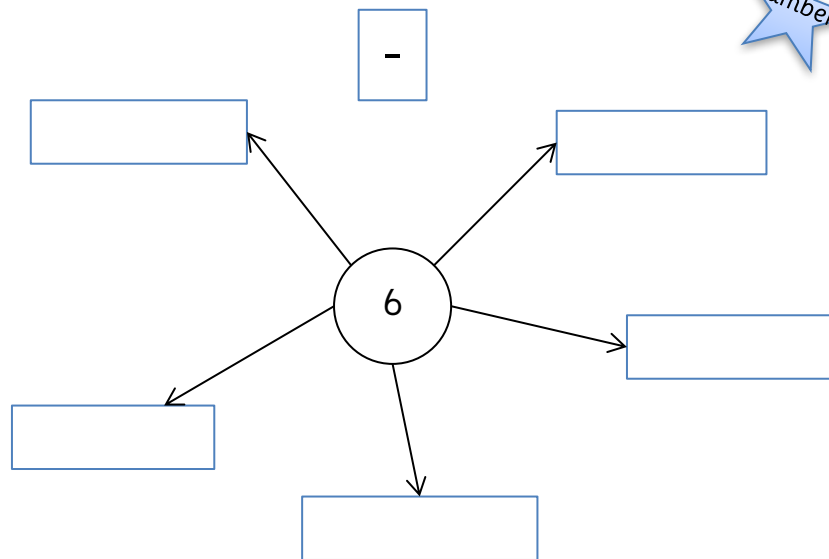
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The answer is **12**. Write 3 multiplication calculations



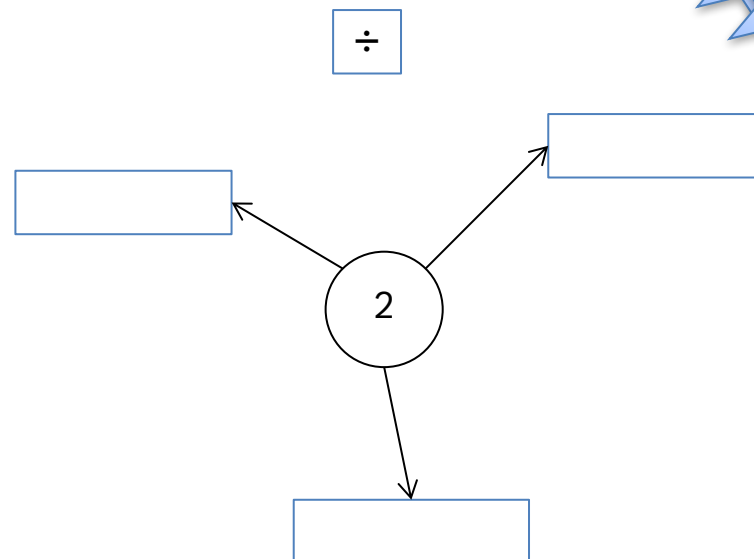
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The answer is **6**. Write 5 subtraction calculations.



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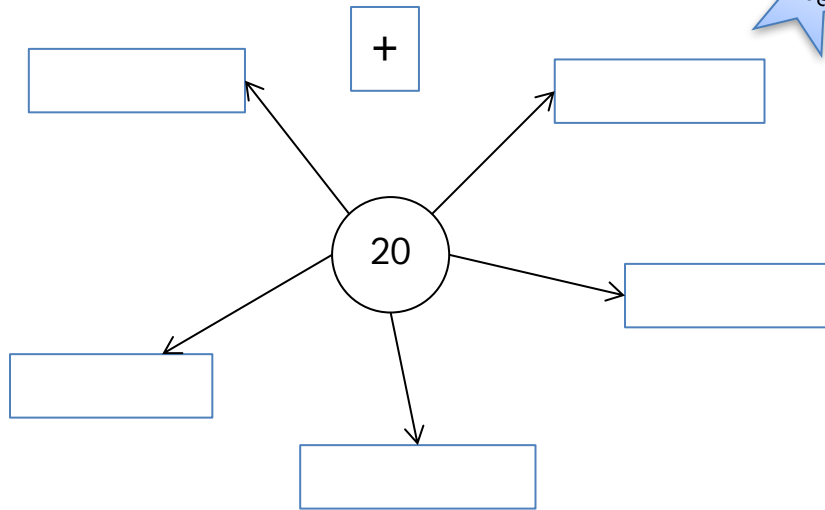
The answer is **2**. Write 3 division calculations.



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The answer is 20. Write 5 addition calculations.

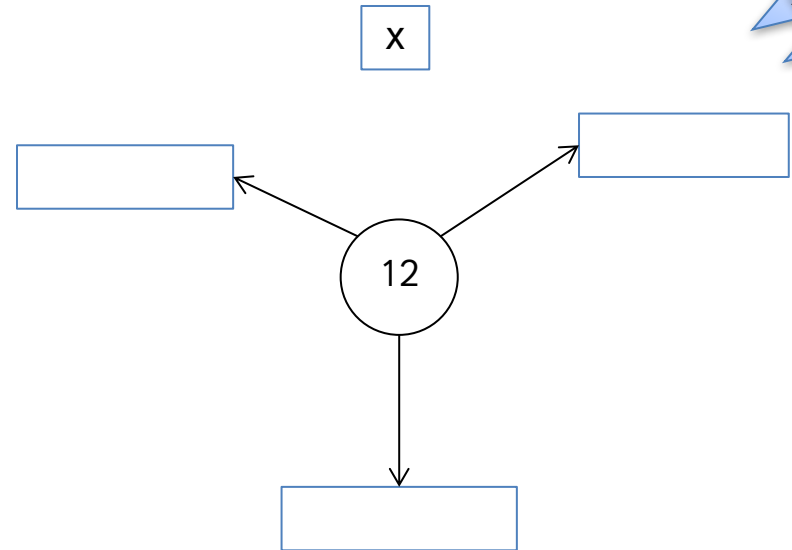
number



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The answer is 12. Write 3 multiplication calculations.

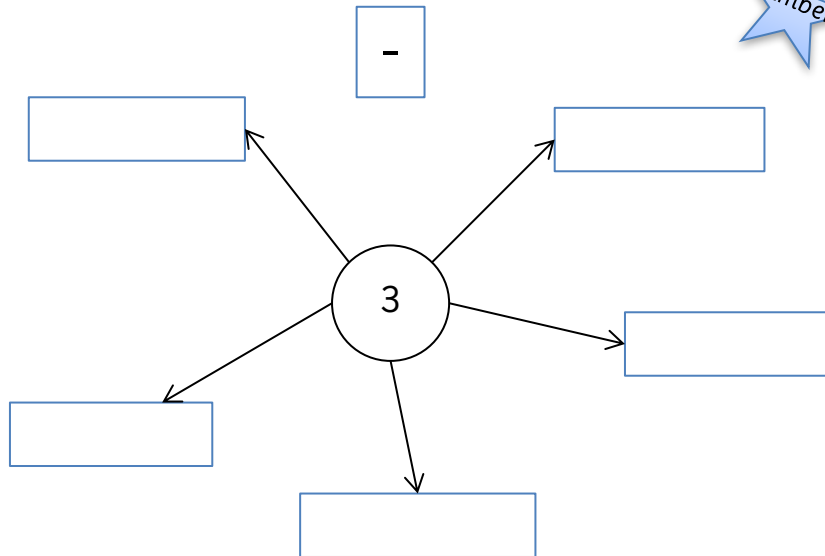
number



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The answer is 3. Write 5 subtraction calculations.

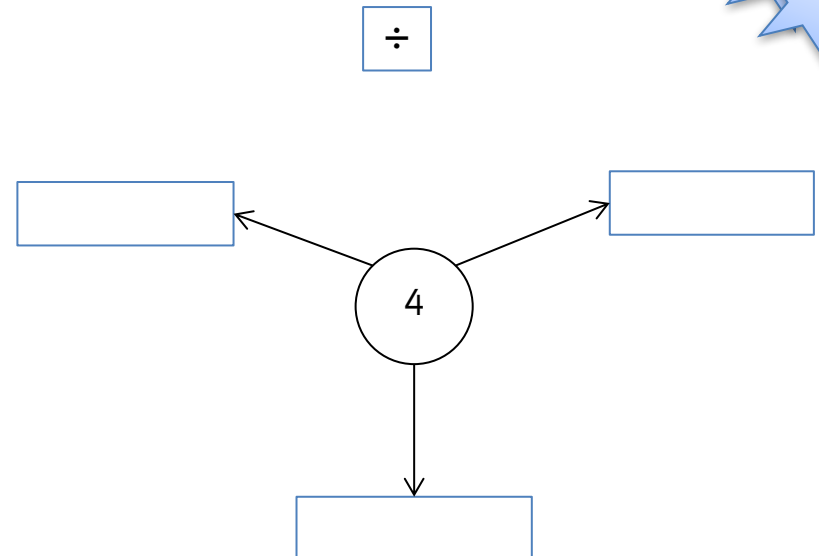
number



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The answer is 4. Write 3 division calculations.

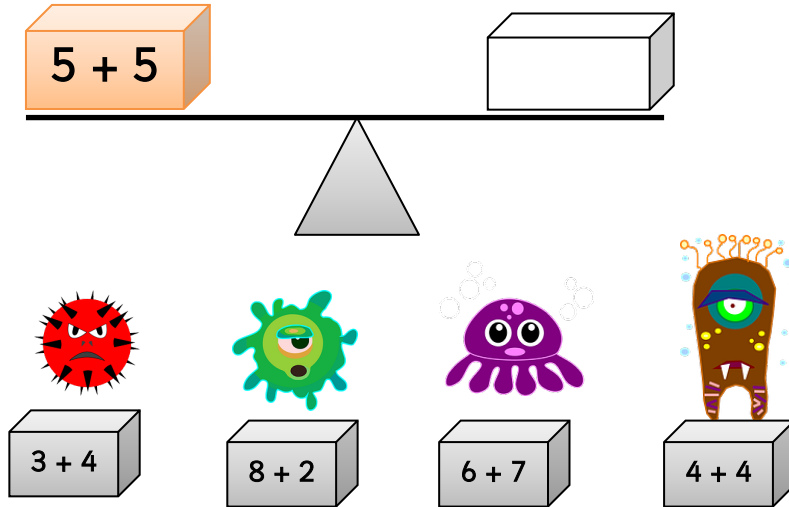
number



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Which alien holds the box that will balance the scale?
Tell your partner how you solved this problem.

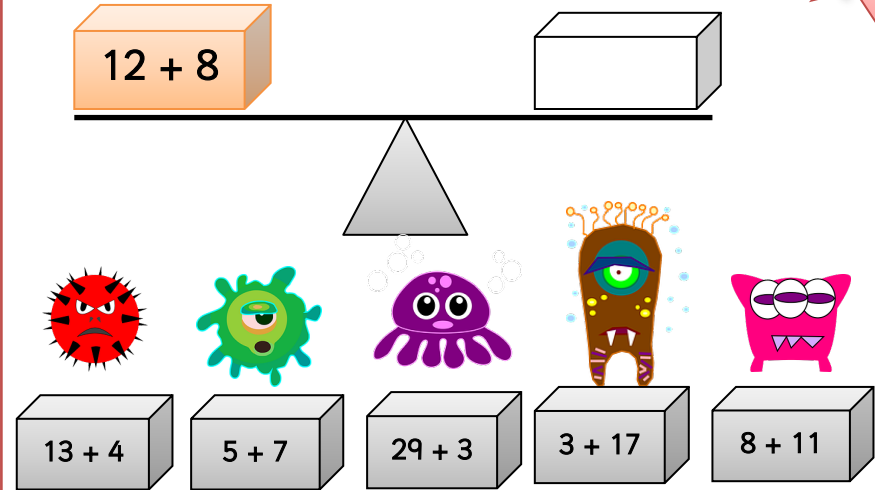
addition &
subtraction



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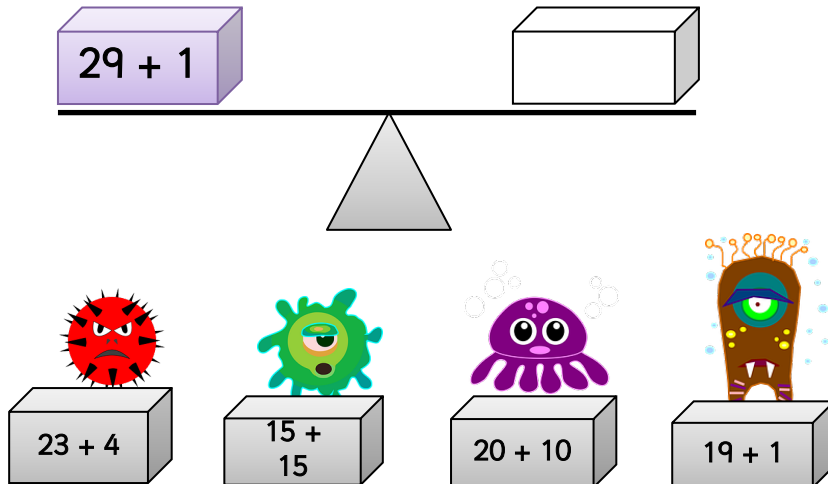
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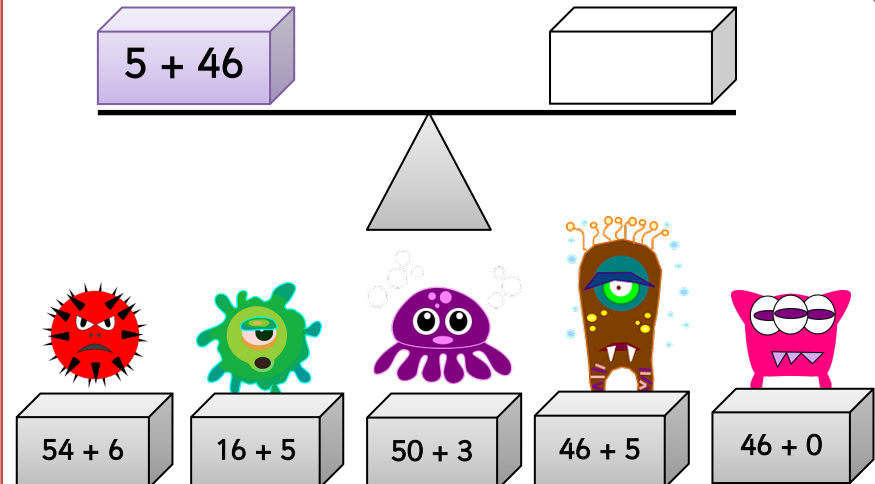
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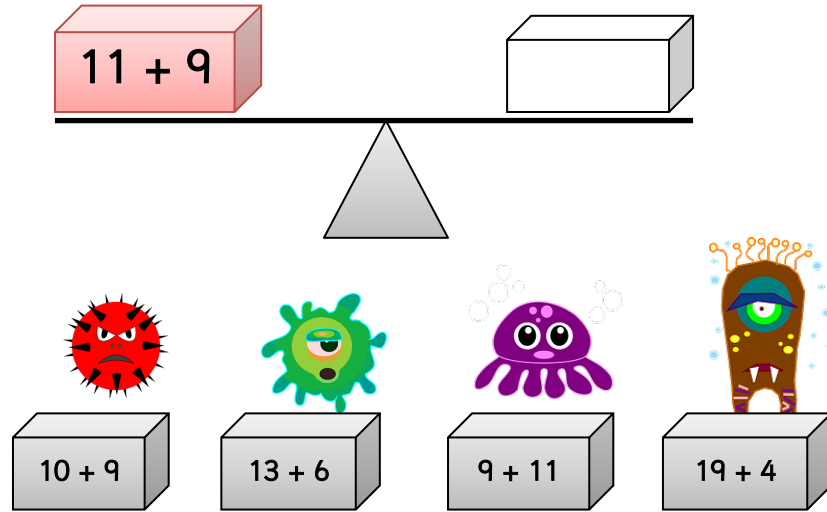
addition &
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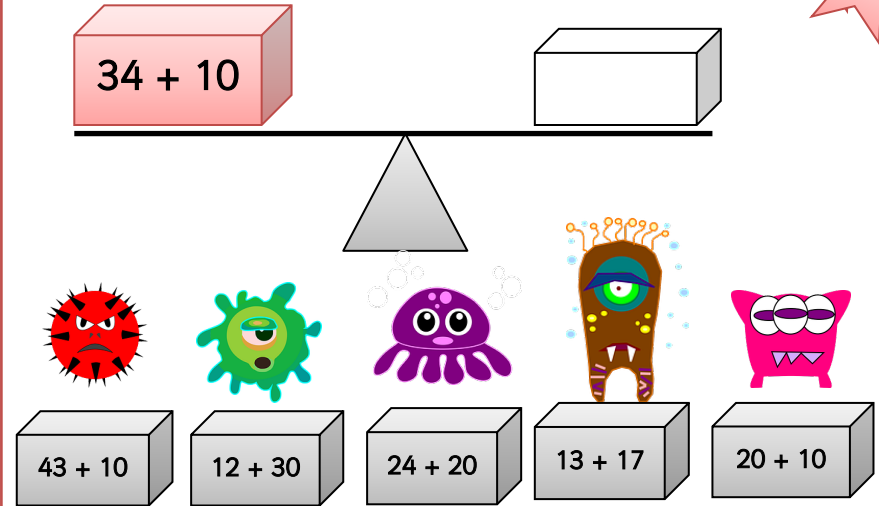
addition & subtraction



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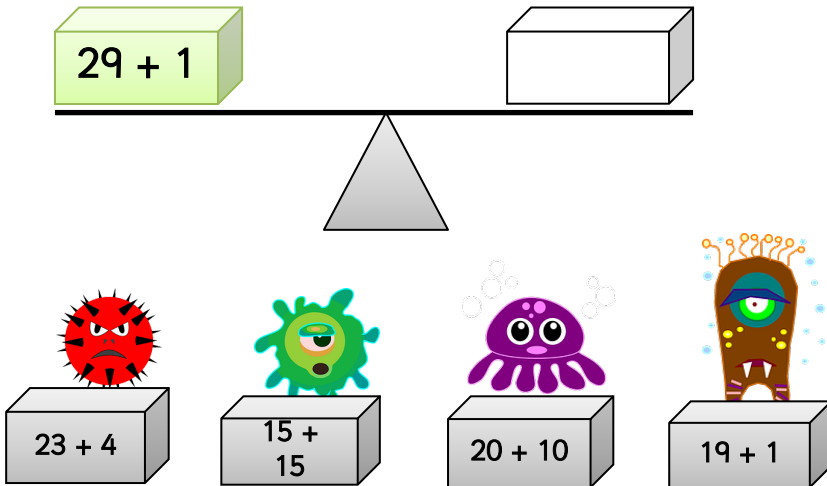
addition & subtraction



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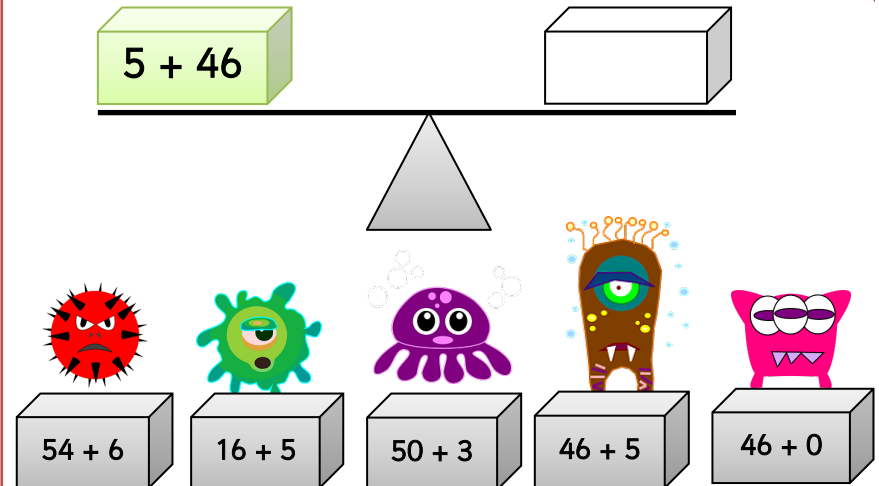
addition & subtraction



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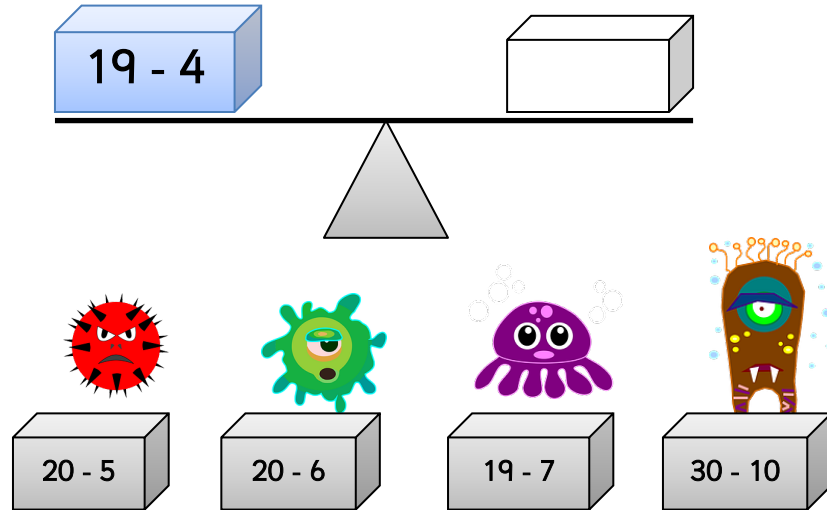
addition & subtraction



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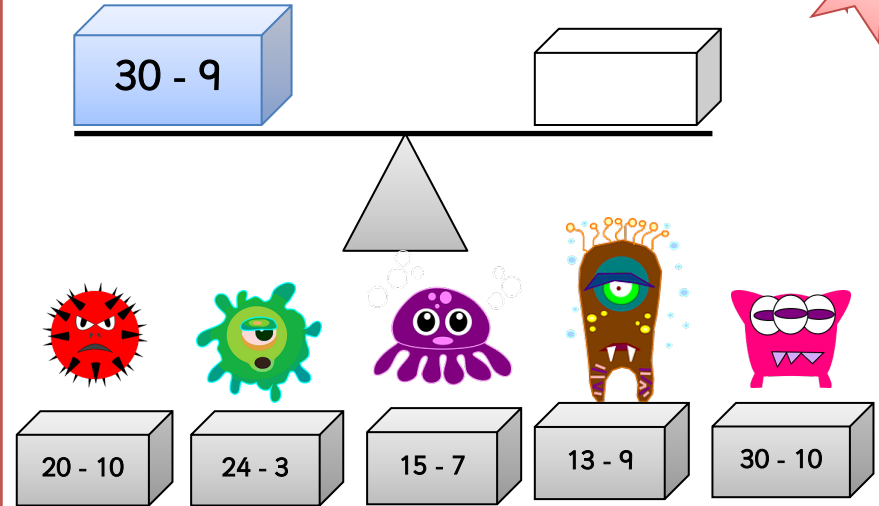
addition & subtraction



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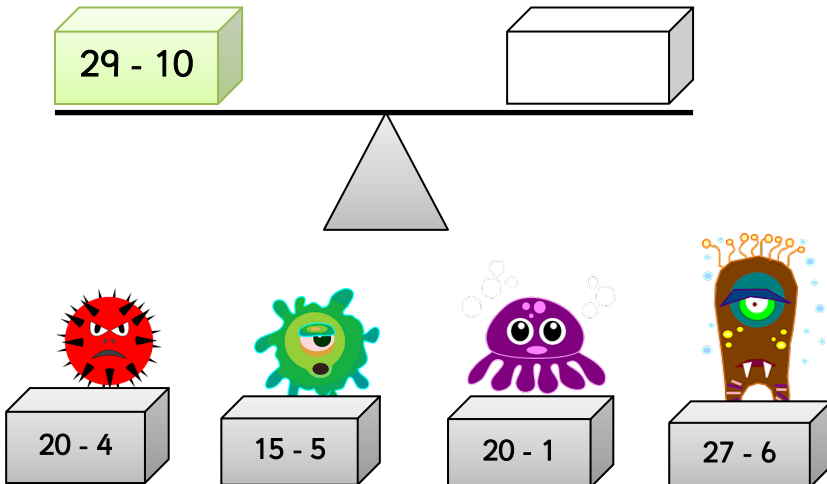
addition & subtraction



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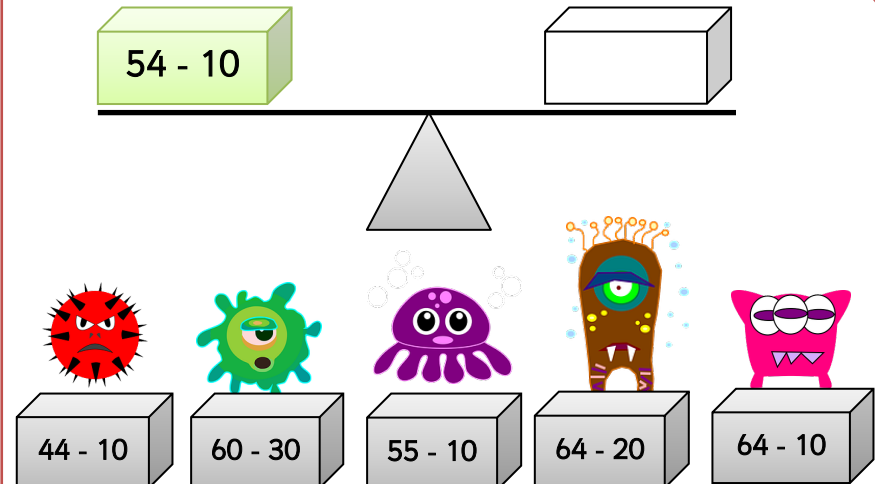
addition & subtraction



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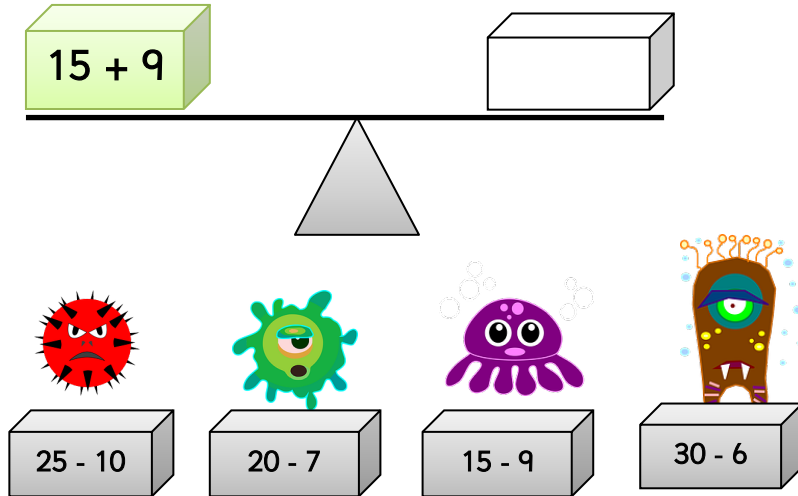
addition & subtraction



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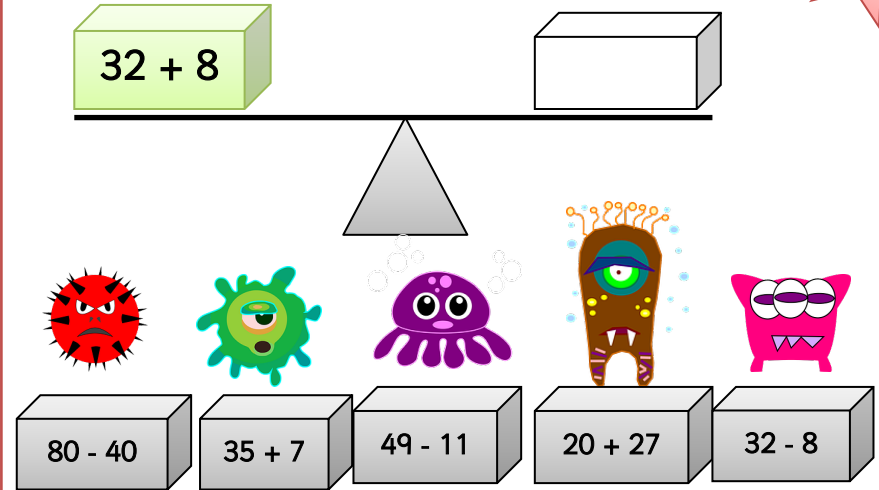
addition & subtraction



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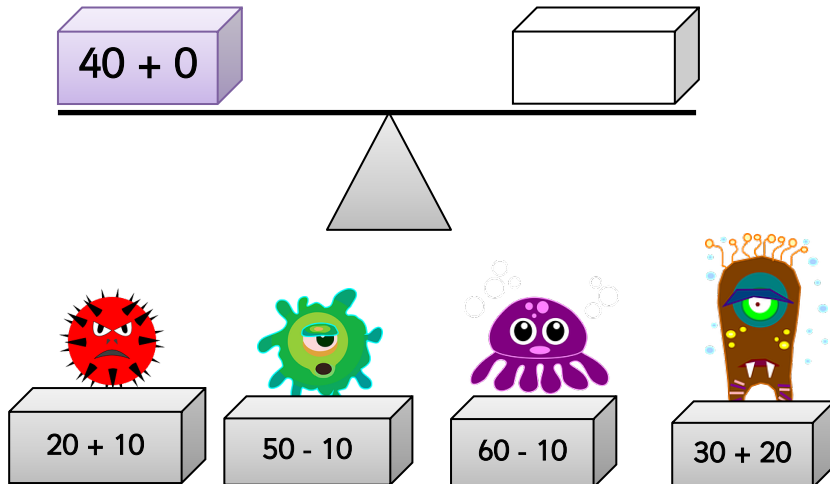
addition & subtraction



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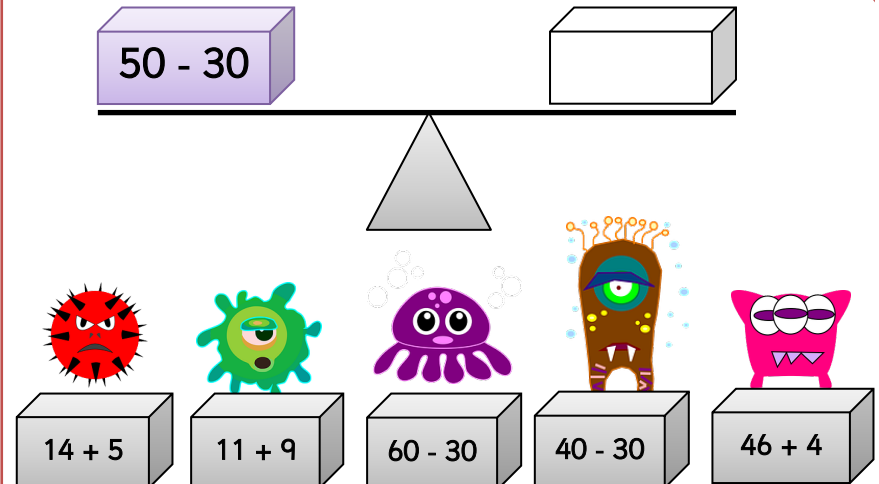
addition & subtraction



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Which alien holds the box that will balance the scale?

addition & subtraction



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Order these numbers from the smallest to the largest.

number

15 19 21 18 23 26

16 22 17 25 24 14

13 27 30 29 28

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Order these numbers from the smallest to the largest.

number

11 23 3 18 17 26

23 22 44 48 84 91

75 66 35 30 28

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Order these numbers from the largest to the smallest.

number

45 53 51 47 43 48

42 54 46 39 44 40

52 50 55 41 49

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Order these numbers from the largest to the smallest.

number

99 76 43 66 23 26

16 76 17 15 74 20

12 57 40 55 28

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Sam has 19 sweets, she gets 5 more sweets. How many sweets does she have altogether?



$$\square + \square = \square$$

Include drawings to show your answer!

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Sam has 17 sweets. She buys 7 more sweets. How many sweets has she got altogether? Write the calculation and include drawings.



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Pat has 26 pens, she gets 10 more pens for her birthday. How many pens has she got altogether?



$$\square + \square = \square$$

Include drawings to show your answer!

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Pat has 34 pens in her pot. She adds 6 more pens to her pencil pot. How many pencils has she got in her pot now? Write the calculation and include drawings.



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Jack has 11 sweets, Mary has 5 sweets and Tom has 3 sweets.
How many sweets have they got altogether?

number

$$\square + \square + \square = \square$$

Include drawings to show your answer!

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Jack has 15 sweets, Anna has 7 sweets and Jo has 5 sweets.
How many sweets have they got altogether?
Write the calculation and include drawings.

number

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Ella has 9 pens, she finds 5 more pens in her bag and 1 pen on the floor. How many pens has she got altogether?

number

$$\square + \square + \square = \square$$

Include drawings to show your answer!

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Pat has 13 red cars, 7 blue cars and 9 green cars. How many cars has she got altogether? Write the calculation and include drawings.

number

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Josh has 19 sweets, he eats 7 sweets. How many sweets has he got left?



$$\square - \square = \square$$

Include drawings to show your answer!

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Josh has 30 sweets. He gives 9 sweets to his brother. How many sweets has he got left?



Write the calculation and include drawings.

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Jack has 19 toy cars, he puts 10 cars away. How many cars has he got left?



$$\square - \square = \square$$

Include drawings to show your answer!

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There are 5 cars in the car park, 7 cars drive away. How many cars are left in the car park?



Write the calculation and include drawings.

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Josh has 21 plums, he eats 6 plums. How many plums has he got left?



$$\square - \square = \square$$

Include drawings to show your answer!

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Josh has 35 plums. He gives 10 plums to his brother. How Many plums has he got left?



Write the calculation and include drawings.

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Jack has 20 toy cars, he puts 8 cars away. How many cars has he got left?



$$\square - \square = \square$$

Include drawings to show your answer!

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There are 29 cars in the car park, 10 cars drive away. How many cars are left in the car park?





Write the calculation and include drawings.


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Find two numbers that total 20.

addition

 = _____ + _____

 = _____ + _____


 = _____ + _____


 = _____ + _____


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Find two numbers that total 30.

addition

 = _____ + _____

 = _____ + _____


 = _____ + _____


 = _____ + _____


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Find three numbers that total 10.

addition

 = _____ + _____ + _____

 = _____ + _____ + _____


 = _____ + _____ + _____


 = _____ + _____ + _____


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Find three numbers that total 20.

addition

 = _____ + _____ + _____

 = _____ + _____ + _____

 = _____ + _____ + _____

 = _____ + _____ + _____

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Find 4 different ways of making 14 .

addition

$$\begin{array}{c} 14 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 14 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 14 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 14 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

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Find 4 different ways of making 22.

addition

$$\begin{array}{c} 22 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 22 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 22 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 22 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

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Find three numbers that total 11.

addition

$$\begin{array}{c} 11 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 11 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 11 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 11 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

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Find three numbers that total 30.

addition

$$\begin{array}{c} 30 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 30 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 30 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 30 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

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Find 4 different ways of making 17.

addition

$$\begin{array}{c} 17 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 17 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 17 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 17 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

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Find 4 different ways of making 40.

addition

$$\begin{array}{c} 40 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 40 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 40 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 40 \\ \hline \end{array} = \underline{\quad} + \underline{\quad}$$

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Find three numbers that total 12.

addition

$$\begin{array}{c} 12 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 12 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 12 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 12 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

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Find three numbers that total 32.

addition

$$\begin{array}{c} 25 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 25 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 25 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$\begin{array}{c} 25 \\ \hline \end{array} = \underline{\quad} + \underline{\quad} + \underline{\quad}$$

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Compare the numbers < or > ?

✧ 4 10

< >

✧ 11 9

✧ 33 29

✧ 17 20

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Compare the numbers. You can use each number only once.

✧ <

✧ <

✧ >

✧ >

12	6	11
10	23	
45	54	
90		

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Compare the numbers < or > ?

✧ 14 34

< >

✧ 11 21

✧ 33 22

✧ 17 71

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Compare the numbers. You can use each number only once.

✧ <

✧ <

✧ >

✧ >

19	3	11
66	87	
15	0	
9		

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Solve the missing number problems.

addition

$$\diamond 24 = 20 + \square$$

$$\diamond 27 = 22 + \square$$

$$\diamond 33 = 29 + \square$$

$$\diamond 30 = 20 + \square$$

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Solve the missing number problems.

addition

$$\diamond 33 = \square + 3$$

$$\diamond 25 = \square + 15$$

$$\diamond 27 = \square + 3$$

$$\diamond 34 = \square + 5$$

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Solve the missing number problems.

addition

$$\diamond 20 = 8 + 2 + \square$$

$$\diamond 25 = 7 + 3 + \square$$

$$\diamond 21 = 5 + \square + 6$$

$$\diamond 32 = 8 + \square + 4$$

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Solve the missing number problems.

addition

$$\diamond 20 = 8 + \square + \square$$

$$\diamond 27 = \square + 7 + \square$$

$$\diamond 32 = \square + \square + 12$$

$$\diamond 34 = 10 + \square + 4$$

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Solve the missing number problems.

addition

$$\diamond 19 + \square = 29$$

$$\diamond 11 + \square = 31$$

$$\diamond 19 + \square = 24$$

$$\diamond 18 + \square = 26$$

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Solve the missing number problems.

addition

$$\diamond \square + 4 = 44$$

$$\diamond \square + 33 = 39$$

$$\diamond \square + 3 = 20$$

$$\diamond \square + 5 = 35$$

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Solve the missing number problems.

addition

$$\diamond 5 + 15 + \square = 25$$

$$\diamond 9 + 11 + \square = 29$$

$$\diamond 1 + \square + 17 = 21$$

$$\diamond 8 + \square + 4 = 22$$

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Solve the missing number problems.

addition

$$\diamond 14 + \square + \square = 24$$

$$\diamond \square + 3 + \square = 43$$

$$\diamond \square + \square + 6 = 17$$

$$\diamond 3 + \square + 7 = 30$$

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Solve the missing number problems.

addition

$$\diamond 1\square + 3 = 16$$

$$\diamond 1\square + 5 = 20$$

$$\diamond 1\square + 10 = 24$$

$$\diamond 1\square + 7 = 17$$

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Solve the missing number problems.

addition

$$\diamond 2\square + 20 = 45$$

$$\diamond \square 3 + 7 = 30$$

$$\diamond 1\square + 1\square = 22$$

$$\diamond \square 2 + 10 = 32$$

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Solve the missing number problems.

addition

$$\diamond 2\square + 5 = 25$$

$$\diamond 2\square + 10 = 30$$

$$\diamond 1\square + 4 = 22$$

$$\diamond 1\square + 8 = 26$$

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Solve the missing number problems.

addition

$$\diamond 4\square + 20 = \square 5$$

$$\diamond 3\square + 11 = \square 2$$

$$\diamond 5\square + 15 = \square 7$$

$$\diamond 14 + 2\square = \square 6$$

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Solve the missing number problems.

$$\diamond 15 = 20 - \square$$

$$\diamond 12 = 18 - \square$$

$$\diamond 28 = 30 - \square$$

$$\diamond 22 = 26 - \square$$

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subtraction

Solve the missing number problems.

$$\diamond 30 = \square - 10$$

$$\diamond 5 = \square - 15$$

$$\diamond 29 = \square - 10$$

$$\diamond 31 = \square - 4$$

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subtraction

Solve the missing number problems.

$$\diamond 25 - \square = 19$$

$$\diamond 32 - \square = 15$$

$$\diamond 29 - \square = 22$$

$$\diamond 30 - \square = 20$$

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subtraction

Solve the missing number problems.

$$\diamond \square - 6 = 14$$

$$\diamond \square - 3 = 27$$

$$\diamond \square - 11 = 29$$

$$\diamond \square - 15 = 5$$

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subtraction

Solve the missing number problems.

$$\diamond 3 = 12 - \square$$

$$\diamond 20 = 4 + \square$$

$$\diamond 25 = 5 + \square$$

$$\diamond 14 = 20 - \square$$

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subtraction
addition

Solve the missing number problems.

$$\diamond 24 = \square + 14$$

$$\diamond 12 = \square - 3$$

$$\diamond 16 = \square - 5$$

$$\diamond 27 = \square + 16$$

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subtraction
addition

Solve the missing number problems.

$$\diamond 12 + \square = 20$$

$$\diamond 20 - \square = 11$$

$$\diamond 14 + \square = 21$$

$$\diamond 20 - \square = 8$$

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subtraction
addition

Solve the missing number problems.

$$\diamond \square + 6 = 26$$

$$\diamond \square - 3 = 27$$

$$\diamond \square - 11 = 11$$

$$\diamond \square + 20 = 50$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

addition

$$\diamond 17 + 4 = \square$$

$$\diamond 19 + 5 = \square$$

$$\diamond 18 + 6 = \square$$

$$\diamond 14 + 9 = \square$$

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Calculate:

addition

$$\diamond 2 + 21 = \square$$

$$\diamond 3 + 39 = \square$$

$$\diamond 47 + 6 = \square$$

$$\diamond 65 + 7 = \square$$

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Calculate:

addition

$$\diamond 8 + 2 + 5 = \square$$

$$\diamond 7 + 3 + 4 = \square$$

$$\diamond 4 + 10 + 6 = \square$$

$$\diamond 5 + 5 + 3 = \square$$

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Calculate:

addition

$$\diamond 11 + 9 + 9 = \square$$

$$\diamond 7 + 7 + 3 = \square$$

$$\diamond 10 + 13 + 7 = \square$$

$$\diamond 15 + 5 + 3 = \square$$

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Calculate:

$$\diamond 21 - 3 = \square$$

$$\diamond 34 + 5 = \square$$

$$\diamond 23 + 5 = \square$$

$$\diamond 38 - 4 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 55 + 8 = \square$$

$$\diamond 78 - 9 = \square$$

$$\diamond 56 - 8 = \square$$

$$\diamond 39 + 10 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 11 - 3 - 2 = \square$$

$$\diamond 8 + 3 + 2 = \square$$

$$\diamond 14 - 4 - 1 = \square$$

$$\diamond 9 + 2 + 6 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 5 + 14 + 3 = \square$$

$$\diamond 20 - 10 - 5 = \square$$

$$\diamond 2 + 9 + 9 = \square$$

$$\diamond 12 - 4 - 7 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 23 + 10 = \square$$

$$\diamond 31 + 10 = \square$$

$$\diamond 42 + 20 = \square$$

$$\diamond 41 + 40 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 48 + 50 = \square$$

$$\diamond 79 + 20 = \square$$

$$\diamond 57 + 30 = \square$$

$$\diamond 47 + 50 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 42 - 20 = \square$$

$$\diamond 65 - 30 = \square$$

$$\diamond 56 - 40 = \square$$

$$\diamond 87 - 20 = \square$$

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subtraction
addition

Calculate:

$$\diamond 77 - 40 = \square$$

$$\diamond 65 - 20 = \square$$

$$\diamond 81 - 40 = \square$$

$$\diamond 99 - 30 = \square$$

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subtraction
addition

Calculate:

$$\diamond 13 + 11 = \square$$

$$\diamond 12 + 12 = \square$$

$$\diamond 11 + 14 = \square$$

$$\diamond 10 + 15 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 18 + 11 = \square$$

$$\diamond 24 + 14 = \square$$

$$\diamond 33 + 14 = \square$$

$$\diamond 43 + 11 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 22 - 11 = \square$$

$$\diamond 25 - 13 = \square$$

$$\diamond 27 - 17 = \square$$

$$\diamond 29 - 12 = \square$$

goodstuffprimaryresources.com

subtraction
addition

Calculate:

$$\diamond 35 - 15 = \square$$

$$\diamond 41 - 11 = \square$$

$$\diamond 66 - 13 = \square$$

$$\diamond 84 - 12 = \square$$

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subtraction
addition

The answer is 14. What is the question?



14



14



14

+ - × ÷ double half word problem

goodstuffprimaryresources.com

number

The answer is 22. What is the question?



22



22



22

+ - × ÷ double half word problem

goodstuffprimaryresources.com

number

Tick statements that are correct. ☐ ☒

➤ $11 + 5 = 5 + 11$ ☐

➤ $4 + 8 = 8 + 4$ ☐

➤ $10 - 3 = 3 - 10$ ☐

➤ $15 + 5 = 5 + 15$ ☐

➤ $11 - 2 = 2 - 11$ ☐

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number

Tick statements that are correct ☐ ☒

➤ $11 + 5 = 5 + 12$ ☐

➤ $3 + 9 = 9 + 3$ ☐

➤ $10 - 6 = 6 - 10$ ☐

➤ $12 + 6 = 6 + 12$ ☐

➤ $11 + 3 = 4 + 11$ ☐

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number

The answer is 11. What is the question?



11



11



11

+ - × ÷ double half word problem

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number

The answer is 30. What is the question?



30



30



30

+ - × ÷ double half word problem

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number

Find the inverse calculation for each addition.

➤ $12 + 3 = 15$ _____

➤ $20 + 9 = 29$ _____

➤ $2 + 14 = 16$ _____

➤ $11 + 9 = 20$ _____

$29 - 9 = 20$ $20 - 11 = 9$ $15 - 12 = 3$

$15 - 3 = 12$ $16 - 2 = 14$ $29 - 20 = 9$

$20 - 9 = 11$ $16 - 14 = 2$

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number

Write the inverse calculation for each addition.

➤ $12 + 3 = 15$ _____

➤ $20 + 9 = 29$ _____

➤ $2 + 14 = 16$ _____

➤ $11 + 9 = 20$ _____

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number

The answer is 12. What is the question?



12



12



12

+ - × ÷ double half word problem

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The answer is 18. What is the question?



18



18



18

+ - × ÷ double half word problem

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Circle even numbers.

3 15 7 18 2 14 12

1 26 9 31 10 23 17

24 35 8 9 16 20

Order the even numbers from the smallest to the largest:

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Circle odd numbers.

3 85 7 18 2 14 12

1 26 9 31 10 43 57

74 35 8 9 96 20

Order the odd numbers from the largest to the smallest:

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The answer is 20. What is the question?



20



20



20

+ - × ÷ double half word problem



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The answer is 4. What is the question?



4



4



4

+ - × ÷ double half word problem



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Can you make these totals? Use the cards provided.

14

=

10

=

15

=

5

4

2

6

8

20

+

-



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Can you make these totals? Use the cards provided.

19

=

24

=

30

=

5

2

20

4

8

1

+

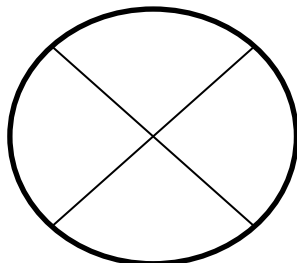
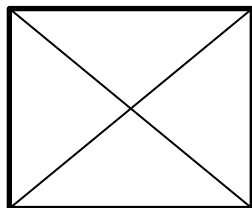
-



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Colour in three quarters ($\frac{3}{4}$) of each shape.

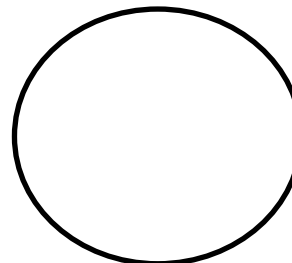
fractions



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Colour in three quarters ($\frac{3}{4}$) of each shape.

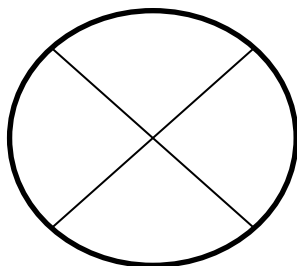
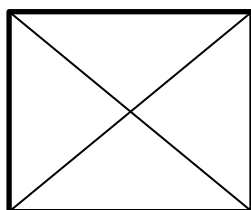
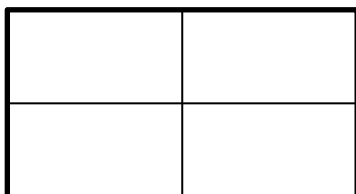
fractions



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Colour in one quarter ($\frac{1}{4}$) of each shape.

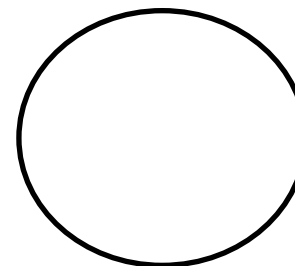
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Colour in one quarter ($\frac{1}{4}$) of each shape.

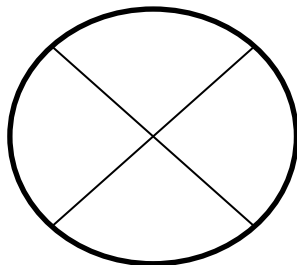
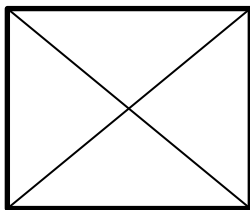
fractions



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Colour in two quarters ($\frac{2}{4}$) of each shape.

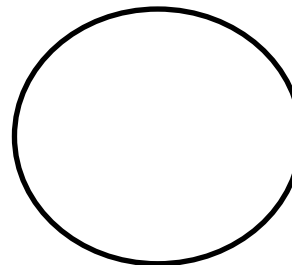
fractions



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Colour in two quarters ($\frac{2}{4}$) of each shape.

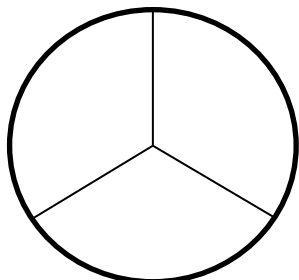
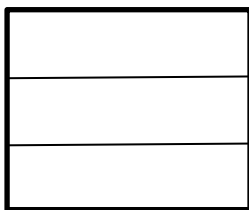
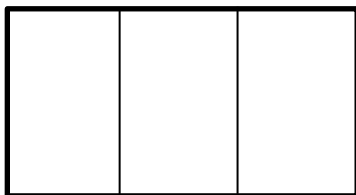
fractions



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Colour in one third ($\frac{1}{3}$) of each shape.

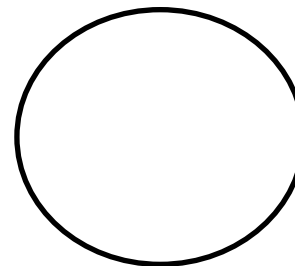
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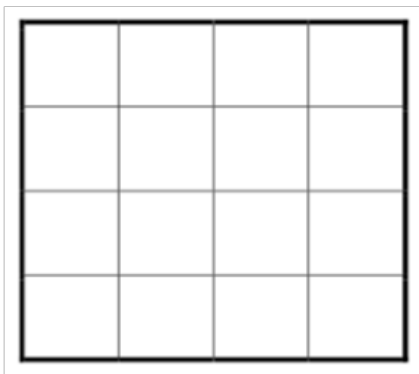
Colour in one third ($\frac{1}{3}$) of each shape.

fractions



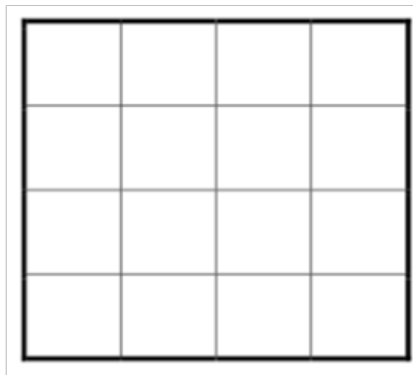
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Colour in a quarter ($\frac{1}{4}$) of this shape.



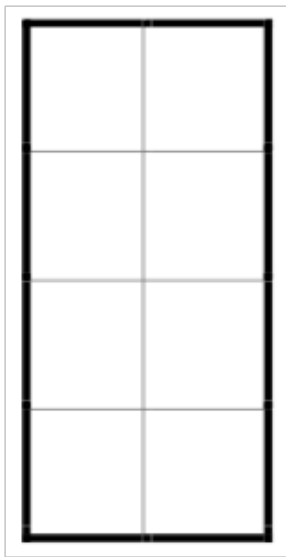
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Colour in two quarters ($\frac{2}{4}$) of the shape.



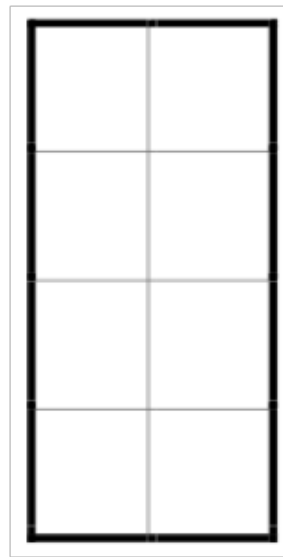
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Colour in a quarter ($\frac{1}{4}$) of this shape.



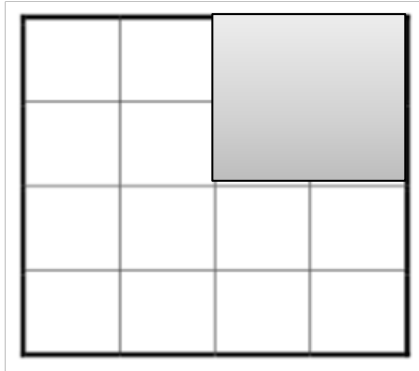
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Colour in three quarters ($\frac{3}{4}$) of this shape.



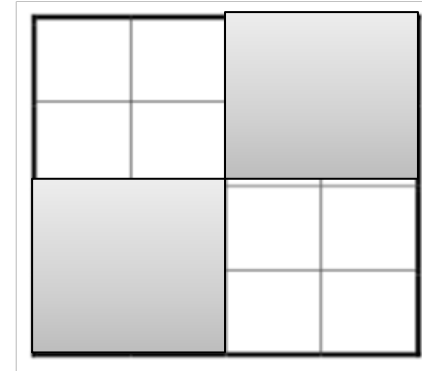
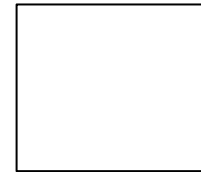
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How much is shaded in?



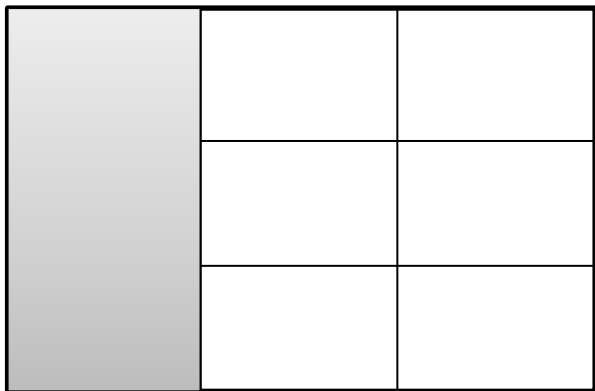
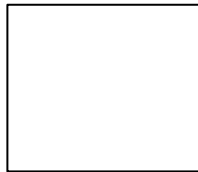
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How much is shaded in?



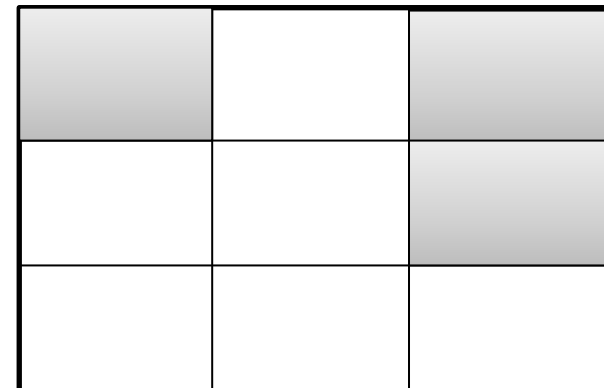
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How much is shaded in?



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How much is shaded in?



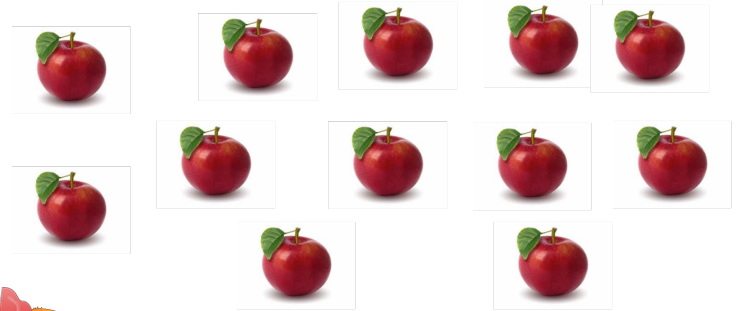
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Adam has 12 apples. He gives $\frac{1}{3}$ of this amount to Anna. How many apples does Anna get?



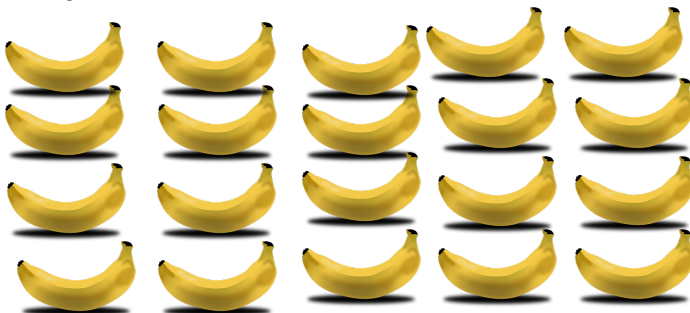
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Adam has 12 apples. He gives $\frac{1}{3}$ of this amount to Anna. How many apples does Anna get?



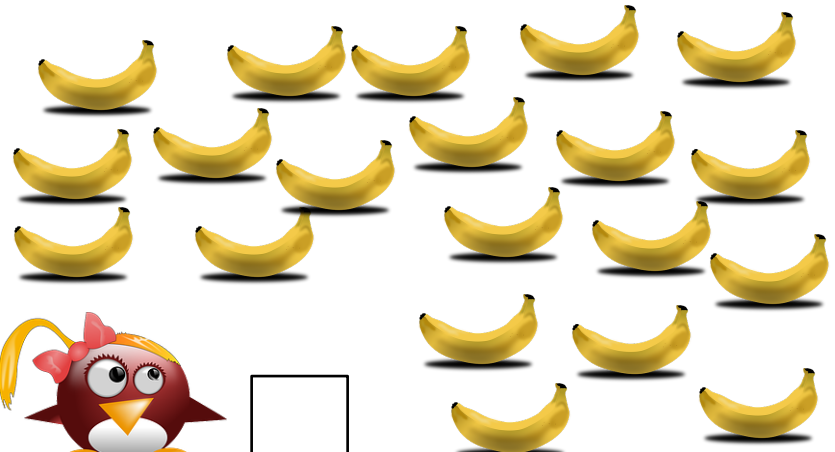
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Adam has 20 bananas. He gives $\frac{1}{4}$ of this amount to Anna. How many bananas does Anna get?



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Adam has 20 bananas. He gives $\frac{1}{4}$ of this amount to Anna. How many bananas does Anna get?



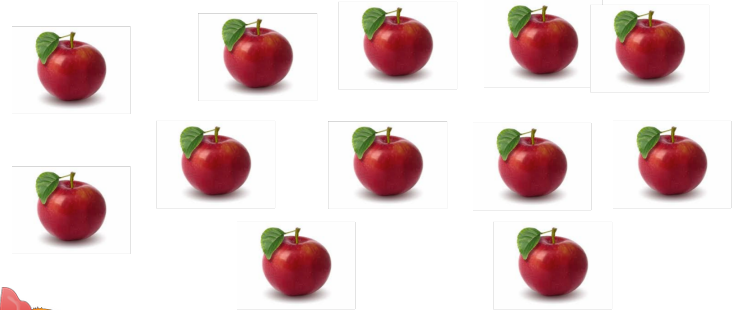
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Adam has 12 apples. He gives $\frac{3}{4}$ of this amount to Anna. How many apples does Anna get?



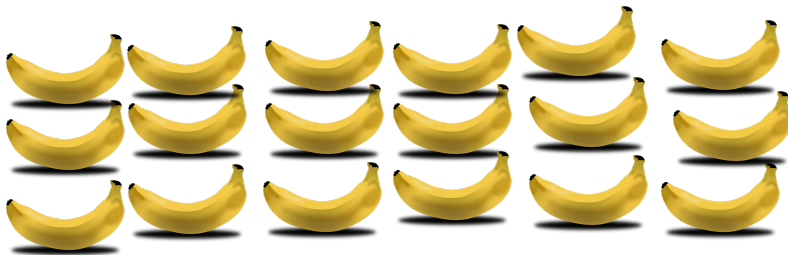
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Adam has 12 apples. He gives $\frac{3}{4}$ of this amount to Anna. How many apples does Anna get?



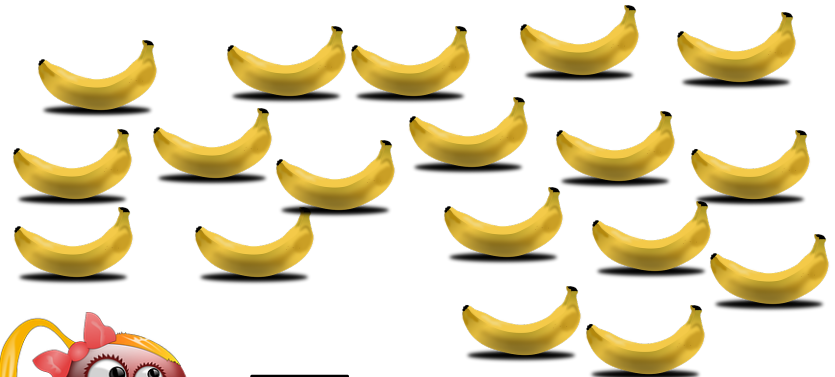
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Adam has 18 bananas. He gives $\frac{1}{2}$ of this amount to Anna. How many bananas does Anna get?



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Adam has 18 bananas. He gives $\frac{1}{2}$ of this amount to Anna. How many bananas does Anna get?



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Share the apples equally between the aliens. How many apples will each alien get?



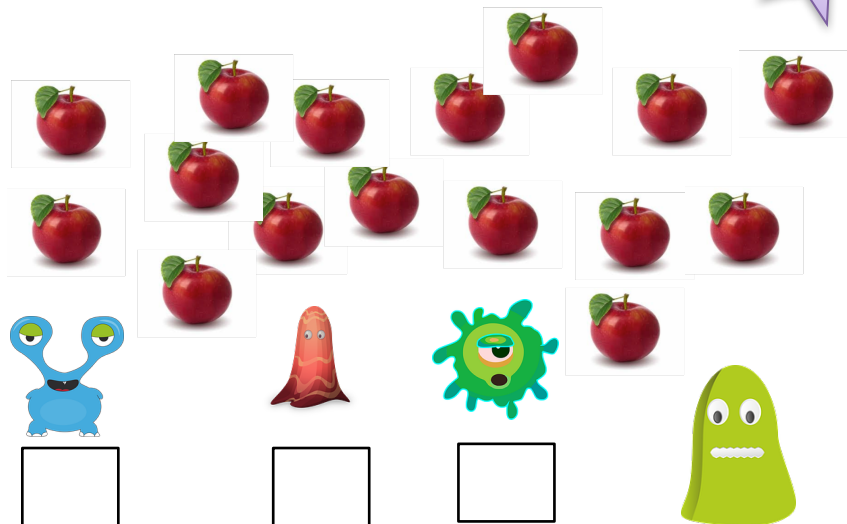






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Share the apples equally between the aliens. How many apples will each alien get?









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Share the bananas equally between the aliens. How many bananas will each alien get?



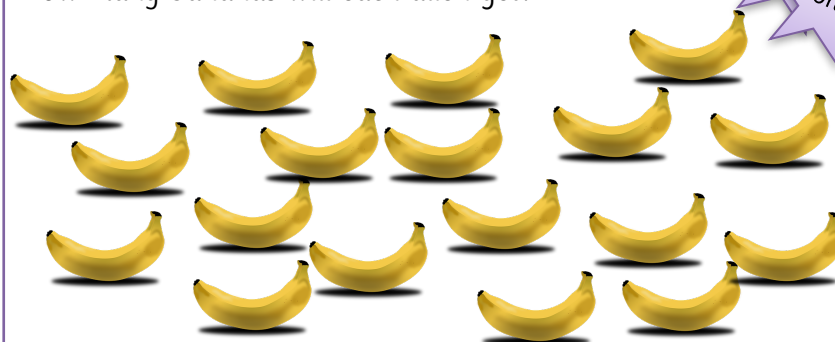






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Share the bananas equally between the aliens. How many bananas will each alien get?









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Complete the sequence:



0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2		3	$3\frac{1}{2}$		$4\frac{1}{2}$
---	---------------	---	----------------	---	--	---	----------------	--	----------------

5	$5\frac{1}{2}$		$6\frac{1}{2}$	7	$7\frac{1}{2}$			9	$9\frac{1}{2}$
---	----------------	--	----------------	---	----------------	--	--	---	----------------

$2\frac{1}{2}$	4	$2\frac{1}{2}$	6	$8\frac{1}{2}$	8
----------------	---	----------------	---	----------------	---

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Complete the sequence:



0	$\frac{1}{4}$	$\frac{2}{4}$		1	$1\frac{1}{4}$	1	$1\frac{3}{4}$	2	2
---	---------------	---------------	--	---	----------------	---	----------------	---	---

$2\frac{2}{4}$	$2\frac{3}{4}$		$3\frac{1}{4}$	$3\frac{2}{4}$		4			
----------------	----------------	--	----------------	----------------	--	---	--	--	--

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Circle the fractions that are equal:



$\frac{4}{4}$	$\frac{2}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
---------------	---------------	---------------	---------------

$\frac{2}{4}$	1	$\frac{1}{3}$	$\frac{1}{4}$
---------------	---	---------------	---------------

	=	
	=	
	=	

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Compare fractions: < > =



$\frac{2}{4}$		$\frac{3}{4}$
---------------	--	---------------

$\frac{4}{4}$		$\frac{1}{4}$
---------------	--	---------------

$\frac{1}{2}$		$\frac{2}{4}$
---------------	--	---------------

$\frac{1}{3}$		$1\frac{1}{3}$
---------------	--	----------------

$\frac{1}{3}$		$\frac{1}{2}$
---------------	--	---------------

<

>

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Calculate:

$$\frac{1}{2} \text{ of } 6 = \square$$

Use the box for drawings.



$$\frac{1}{2} \text{ of } 12 = \square$$

$$\frac{1}{2} \text{ of } 22 = \square$$

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Calculate:

$$\frac{1}{4} \text{ of } 12 = \square$$

Use the box for drawings.

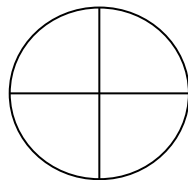
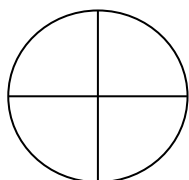


$$\frac{1}{4} \text{ of } 16 = \square$$

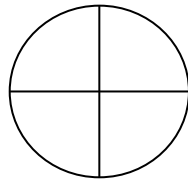
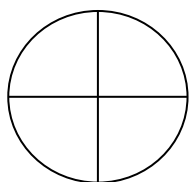
$$\frac{1}{4} \text{ of } 20 = \square$$

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✧ Can you prove that $\frac{1}{2} = \frac{2}{4}$



✧ Can you prove that $\frac{4}{4} = 1$



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✧ Can you prove that $\frac{3}{4} > \frac{1}{4}$



✧ Can you prove that $\frac{1}{3} < \frac{1}{2}$

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Calculate:

$$\frac{1}{2} \text{ of } 16 = \square$$

Use the box for drawings.



$$\frac{1}{4} \text{ of } 12 = \square$$

$$\frac{1}{3} \text{ of } 9 = \square$$

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Calculate:

$$\frac{2}{4} \text{ of } 12 = \square$$

Use the box for drawings.



$$\frac{1}{3} \text{ of } 18 = \square$$

$$\frac{1}{4} \text{ of } 40 = \square$$

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✧ Can you prove that $\frac{1}{2} = \frac{2}{4}$?



✧ Can you prove that $\frac{2}{2} = 1$?

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✧ Can you prove that $\frac{2}{4} > \frac{1}{4}$?



✧ Can you prove that $\frac{1}{4} < \frac{1}{2}$?

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