

Tuesday 12th January 2021 12/1/21

Fluent in Four

Complete and write the repeated number sentence.

1



___ columns

___ rows

___ balls in each column

___ balls in each row

2

Complete.

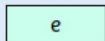
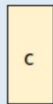
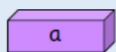


$$\square + \square + \square = \square$$

There are ___ groups of ___ marbles, which is equivalent to ___.

3

Which shapes are rectangles?



4

Calculate.

$$9 - 9 = \square$$

$$\text{one ten} - \text{one ten} = \square$$

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12/1/21 WALT - To divide by 2

Divide by 2
2



Tuesday 12th January 2021

12/1/21 WALT - To divide by 2

Complete the stem sentences.



$$\square \div \square = \square$$

$$\square \times \square = \square$$

I have ____ cubes altogether.
There are ____ in each group.
There are ____ groups.

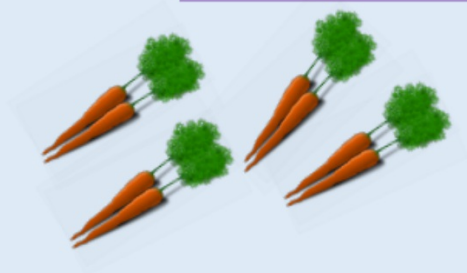


Is there a link between dividing by 2 and halving?

Tuesday 12th January 2021

12/1/21 WALT - To divide by 2

Complete the stem sentences.



$$\square \div \square = \square$$

$$\square \times \square = \square$$

I have ____ carrots altogether.

There are ____ in each group.

There are ____ groups.

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12/1/21 WALT - To divide by 2

Group the socks into pairs.



$$\square \div \square = \square$$

$$\square \times \square = \square$$

Complete the number sentences.

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12/1/21 WALT - To divide by 2

Group the gloves into pairs.



$$\square \div \square = \square$$

$$\square \times \square = \square$$

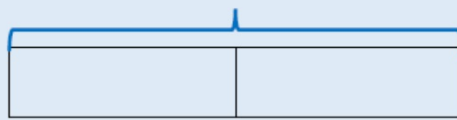
Complete the number sentences.

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12/1/21 WALT - To divide by 2

Malachi and Zach have 12 sweets between them.
They share them equally. How many sweets does each child get?

12



There are ____ sweets altogether.

There are ____ groups.

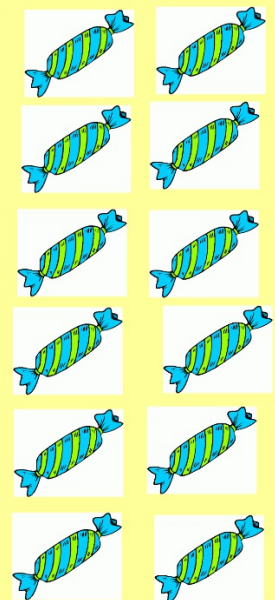
There are ____ in each group.



Complete the bar model and write a calculation to match.

?

What is different about sharing into two and grouping in twos?



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12/1/21 WALT - To divide by 2



Rosie

I have 20p. I divide it equally between 2 friends. How much will they get each?

I have 20p in 2p coins. How many 2p coins do I have?



Tia

Consider the two questions above.
What is the same and what is different?

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12/1/21 WALT - To divide by 2

Zach and Leanna have some counters.
Zach shares his counters into 2 equal groups.
He has 10 in each group. Leanna groups her
counters in twos. She has 20 groups.



Who has more counters and by how many?
How did you work it out?

Tuesday 12th January 2021 12/1/21 WALT - To divide by 2
Independent Work Now its your turn!

Bronze

Divide by 2 ★ Planning & Praction 2

Solve the division problems.

I have 6 carrots altogether.
There are 3 in each group.
There are 2 groups.

$$\begin{array}{r} \square + \square = \square \\ \square \times \square = \square \end{array}$$

I have 6 cubes altogether.
There are 3 in each group.
There are 2 groups.

$$\begin{array}{r} \square + \square = \square \\ \square \times \square = \square \end{array}$$

Group the gloves into pairs.

$$\square + \square = \square \quad \square \times \square = \square$$

Group the socks into pairs.

$$\square + \square = \square \quad \square \times \square = \square$$

Leanna and Malachi have 6 lollipops between them.
They share them equally.
How many lollipops does each child get?
There are 6 lollipops altogether.
There are 2 groups.
There are 3 in each group.

$$\begin{array}{r} \square \\ \hline \square \end{array}$$

$$\square + \square = \square \quad \square \times \square = \square$$

Zach and Rosie have 6 strawberries between them.
They share them equally.
How many strawberries does each child get?
There are 6 strawberries altogether.
There are 2 groups.
There are 3 in each group.

$$\begin{array}{r} \square \\ \hline \square \end{array}$$

$$\square + \square = \square \quad \square \times \square = \square$$

Silver

Divide by 2 ★★ Planning & Praction 2

Solve the division problems.

I have 8 carrots altogether.
There are 4 in each group.
There are 2 groups.

$$\begin{array}{r} \square + \square = \square \\ \square \times \square = \square \end{array}$$

I have 8 cubes altogether.
There are 4 in each group.
There are 2 groups.

$$\begin{array}{r} \square + \square = \square \\ \square \times \square = \square \end{array}$$

Group the gloves into pairs.

$$\square + \square = \square \quad \square \times \square = \square$$

Group the socks into pairs.

$$\square + \square = \square \quad \square \times \square = \square$$

Leanna and Malachi have 14 lollipops between them.
They share them equally.
How many lollipops does each child get?
There are 14 lollipops altogether.
There are 2 groups.
There are 7 in each group.

$$\begin{array}{r} \square \\ \hline \square \end{array}$$

$$\square + \square = \square \quad \square \times \square = \square$$

Zach and Rosie have 20 strawberries between them.
They share them equally.
How many strawberries does each child get?
There are 20 strawberries altogether.
There are 2 groups.
There are 10 in each group.

$$\begin{array}{r} \square \\ \hline \square \end{array}$$

$$\square + \square = \square \quad \square \times \square = \square$$

Gold

Divide by 2 ★★★ Planning & Praction 2

Solve the division problems.

There are 32 carrots in a field.
I pick 12 for my pet rabbit and split the remaining carrots between my mum and my aunt.
How many carrots do they get each?

$$\square$$

Show the calculation you have used.

I make 3 towers of 2 blocks.
Tia makes the same tower as me but makes 4 more than me.
We then split all of them between us so we have an equal amount. How many blocks do we have?

$$\square$$

Show all the steps you used.

I have 42 gloves and want to pair them up. How many pairs will I have?
Show a multiplication and division calculation.

$$\square + \square = \square \quad \square \times \square = \square$$

I have 78 gloves and want to pair them up. How many pairs will I have?
Show a multiplication and division calculation.

$$\square + \square = \square \quad \square \times \square = \square$$

Leanna, Tia and Malachi have 24 lollipops each. They share them equally between their 2 younger cousins. How many lollipops will each cousin get?
There are 24 lollipops altogether.
There are 4 groups.
There are 6 in each group.

$$\begin{array}{r} \square \\ \hline \square \end{array}$$

$$\square + \square = \square \quad \square \times \square = \square$$


Leanna, Tia and Malachi have 18 strawberries each. They share them equally between their 2 younger cousins. How many strawberries will each cousin get?
There are 18 strawberries altogether.
There are 4 groups.
There are 4.5 in each group.

$$\begin{array}{r} \square \\ \hline \square \end{array}$$

$$\square + \square = \square \quad \square \times \square = \square$$

Tuesday 12th January 2021 12/1/21 WALT - To divide by 2
Independent Work Now its your turn!

Bronze

Divide by 2 ☆	Reasoning & Problem Solving 2
<p>I have 12p. I divide it equally between 2 friends. How much will they get each?</p> <p>I have 12 in 2p coins. How many 2p coins do I have?</p> <p>Consider the two questions above. What is the same and what is different?</p>	<p>Zach has shared some grapes equally between two friends.</p>  <p>Each friend receives fewer than 10 grapes. Complete the sentence to describe the number of grapes Zach started with. He must have started with...</p>
<p>Malachi and Rosie have some counters. Malachi shares his counters into 2 equal groups.</p> <p>He has 10 in each group. Rosie groups her counters in twos. She has 12 groups.</p> <p>Who has more counters and by how many? How did you work it out?</p>	

Silver

Divide by 2 ☆☆☆	Reasoning & Problem Solving 2
<p>I have 24p. I divide it equally between 2 friends. How much will they get each?</p> <p>I have 24p in 2p coins. How many 2p coins do I have?</p> <p>Consider the two questions above. What is the same and what is different?</p>	<p>Zach has shared some grapes equally between two friends.</p>  <p>Each friend receives fewer than 40 grapes. Complete the sentences to describe the number of grapes Zach started with.</p>
<p>Malachi and Rosie have some counters. Malachi shares his counters into 2 equal groups.</p> <p>He has 13 in each group.</p>	

Divide by 2 ☆☆☆	Reasoning & Problem Solving 2
<p>I have 32p. I divide it equally between 2 friends. How much will they get each?</p> <p>I have 32p in 2p coins. How many 2p coins do I have?</p> <p>Consider the two questions above. What is the same and what is different?</p>	<p>Zach has shared some grapes equally between two friends.</p>  <p>Each friend receives fewer than 85 grapes. Complete the sentences to describe the number of grapes Zach started with.</p>
<p>Malachi and Rosie have some counters. Malachi shares his counters into 2 equal groups.</p> <p>He has 23 in each group. Rosie groups her counters in twos. She has 37 groups.</p> <p>Who has more counters and by how many? How did you work it out?</p>	<p>He must have started with...</p> <p>He could have started with...</p> <p>He can't have started with...</p>