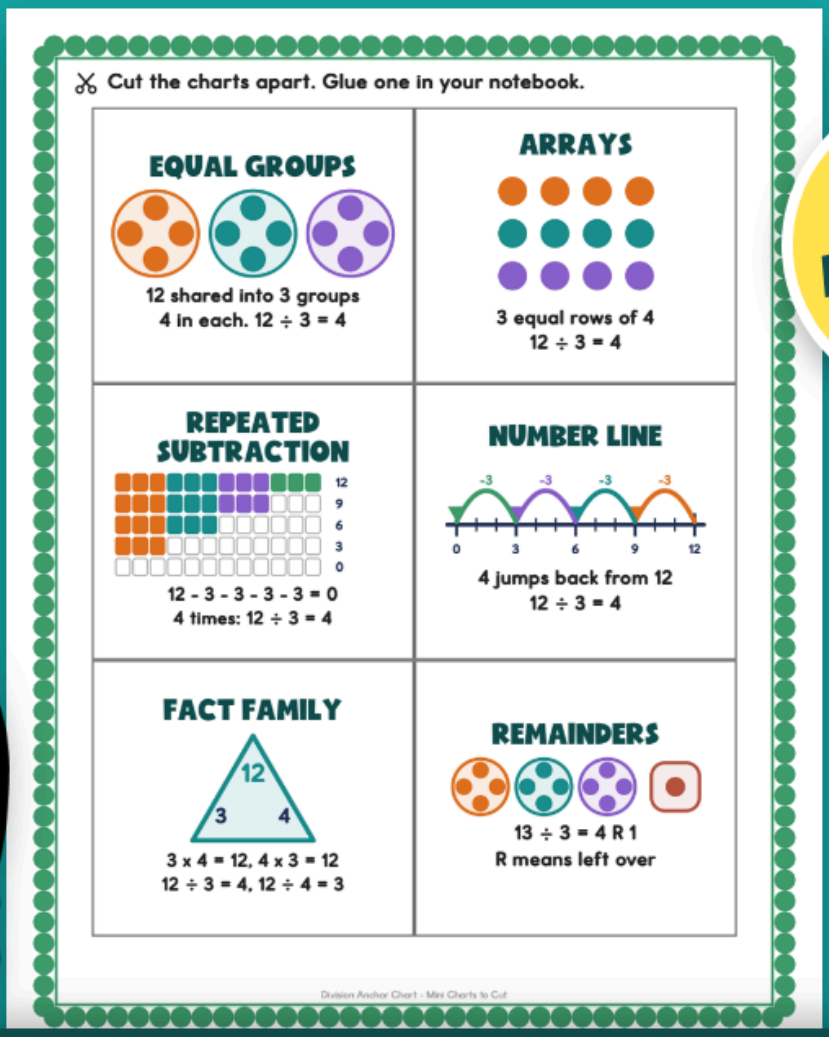
Bright Path Sped



6 POSTERS



DIVISION ANCHOR CHART

Strategy Posters, Notebook Charts & Practice

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This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a line or a box, type, and Save As.
- The name lines, the answer blanks on the practice pages, the try-one blanks on the posters, the home note and every notes area are type-in fields. You can also print any page and write by hand.
- It works offline. No account, no subscription, no internet connection needed after you download it.

Print at 100 percent

Turn off fit to page and shrink to fit so the cut pieces keep their size. Every page is readable in black and white, and every poster comes in an ink-saver copy. Posters look best on cardstock; the pieces children cut are fine on copy paper.

Need help?

If a field will not behave or a page will not print the way you expect, use Ask a Question on the product page before leaving a review. Every question is read, and a fix to the file ships as a free update.

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PREVIEW

How to Teach It: Five Short Routines

Each one takes a few minutes. Show it, say it, then write it.

1. Share it out

- Show the equal groups poster (page 5). Say: "12 shared into 3 equal groups. 4 in each group."
- Write 12 ÷ 3 = 4 and read it together: 12 divided by 3 equals 4.

2. Try a second picture

- Show the arrays poster (page 7) or the number line (page 11). Same numbers, a new picture.
- Ask: "What stayed the same?" Let children say it in their own words.

3. Take away again and again

- Show repeated subtraction (page 9). Cover one row at a time. Count how many times 3 was taken away.
- The count is the answer: 4 times, so 12 ÷ 3 = 4.

4. Use a multiplication fact

- Show the fact family triangle (page 13). Cover the top number and ask what x 3 makes 12.
- Children say the four sentences: two multiplication, two division.

5. What is left over?

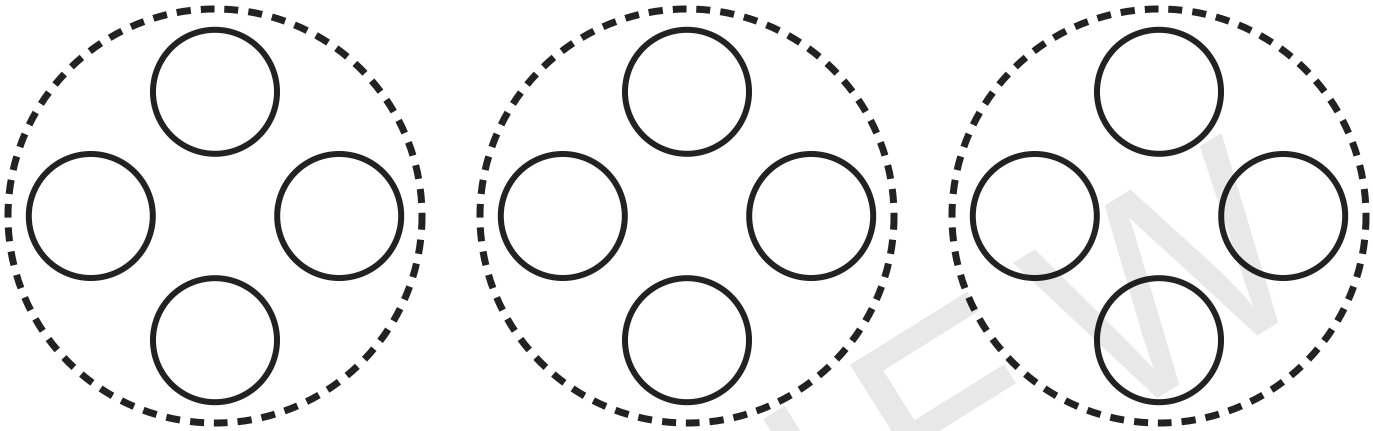
- Show the remainders poster (page 15). Share 13 into 3 groups. One dot cannot make another group.
- Write 13 ÷ 3 = 4 R 1. Send the family note (page 31) home.

Notes on your day

PREVIEW

EQUAL GROUPS

Share the total into equal groups.



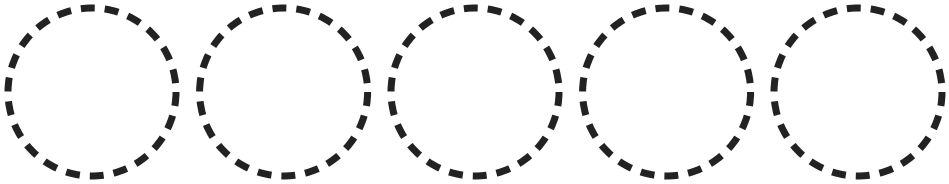
12 shared into 3 equal groups. 4 in each group.

12 ÷ 3 = 4

12	3	4
total (dividend)	divide by (divisor)	answer (quotient)

How many in each group? That is the answer.

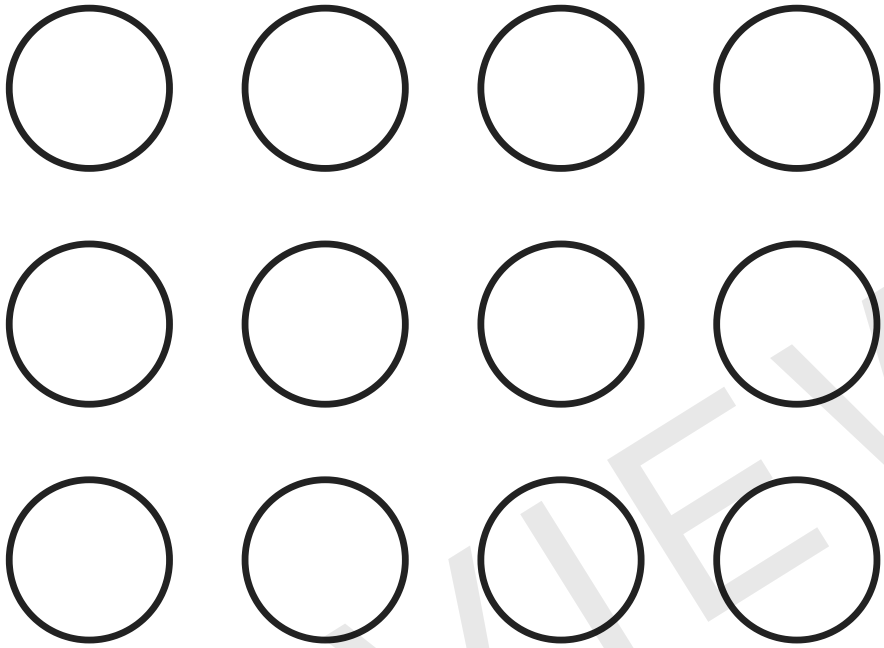
TRY ONE Share 15 dots into 5 groups. 15 ÷ 5 = ____



PREVIEW

ARRAYS

Deal the dots into equal rows.



12 dots in all | 3 equal rows | 4 in each row

$$12 \div 3 = 4$$

12	3	4
total (dividend)	divide by (divisor)	answer (quotient)

Count the dots in one row. That is the answer.

TRY ONE Draw 15 dots in 3 equal rows.

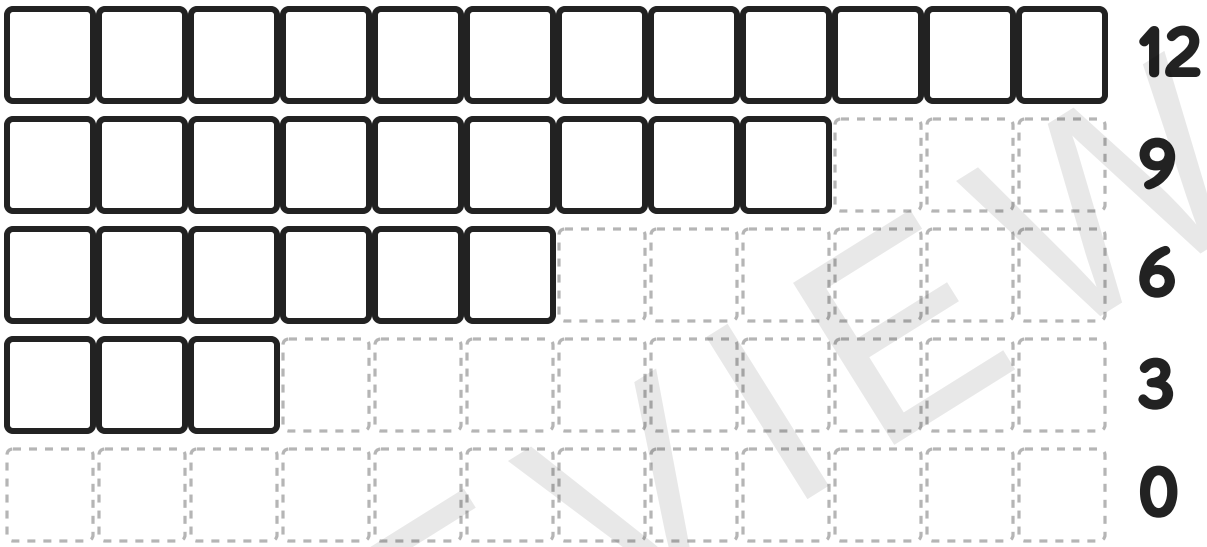
15 ÷ 3 = ____

PREVIEW

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REPEATED SUBTRACTION

Take away the same number again and again.



12 - 3 - 3 - 3 - 3 = 0

Take away 3 again and again. 4 times.

12 ÷ 3 = 4

12	3	4
total (dividend)	divide by (divisor)	answer (quotient)

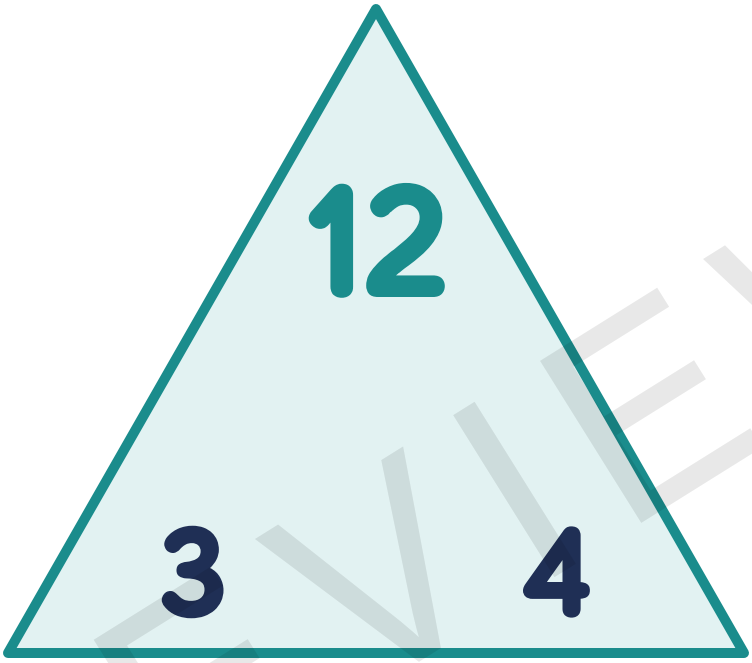
Count how many times. That is the answer.

TRY ONE Start at 20. Take away 5 each time. 20 - ___ - ___ - ___ - ___ = ___

PREVIEW

FACT FAMILIES

Three numbers make four sentences.

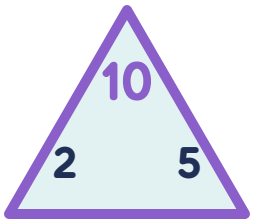


3 x 4 = 12	4 x 3 = 12
12 ÷ 3 = 4	12 ÷ 4 = 3

PREVIEW

Multiplication helps you divide.

TRY ONE Use 2, 5 and 10.

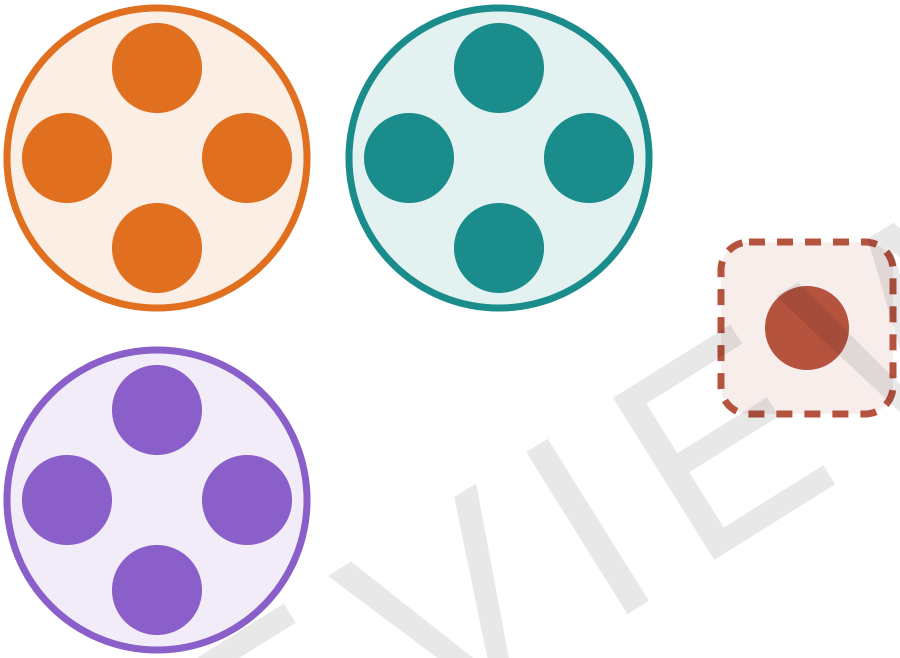


___ x ___ = 10

10 ÷ ___ = ___

REMAINDERS

R means remainder: what is left over.



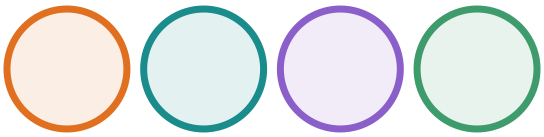
13 shared into 3 groups: 4 in each group, 1 left over.

13 ÷ 3 = 4 R 1

13	3	4	1
total (dividend)	divide by (divisor)	answer (quotient)	left over (remainder)

The left over is too small to make another group.

TRY ONE Share 14 dots into 4 groups. 14 ÷ 4 = ___ R ___



PREVIEW

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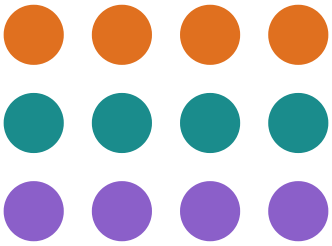
Cut the charts apart. Glue one in your notebook.

EQUAL GROUPS



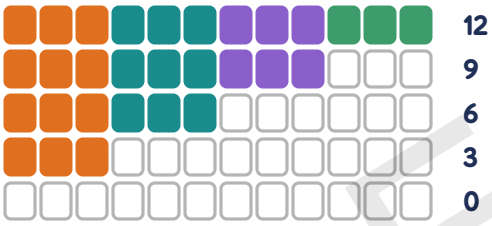
12 shared into 3 groups
4 in each. 12 ÷ 3 = 4

ARRAYS



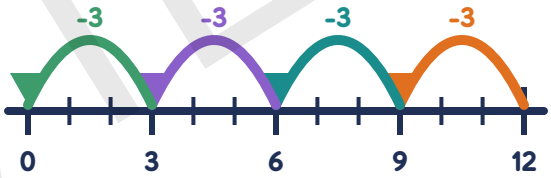
3 equal rows of 4
12 ÷ 3 = 4

REPEATED SUBTRACTION



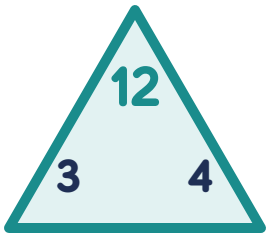
12 - 3 - 3 - 3 - 3 = 0
4 times: 12 ÷ 3 = 4

NUMBER LINE



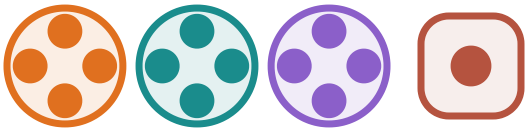
4 jumps back from 12
12 ÷ 3 = 4

FACT FAMILY



3 x 4 = 12, 4 x 3 = 12
12 ÷ 3 = 4, 12 ÷ 4 = 3

REMAINDERS



13 ÷ 3 = 4 R 1
R means left over

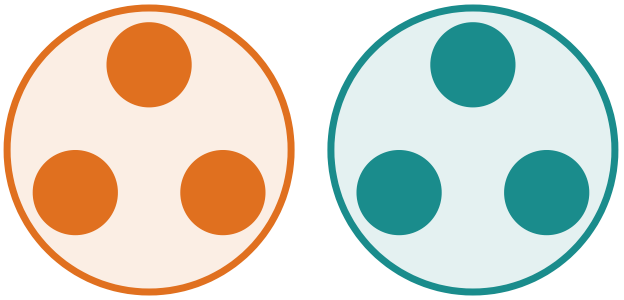
PREVIEW

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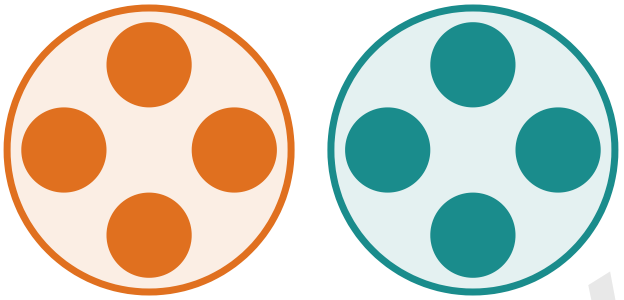
My name _____

Share the dots. How many in each group? Write.

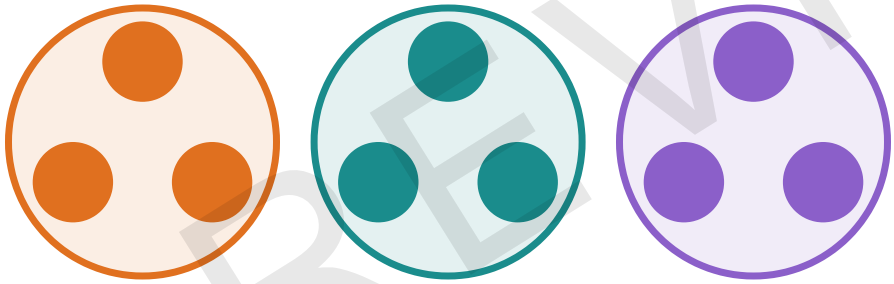
Peek at the equal groups chart if you need help.



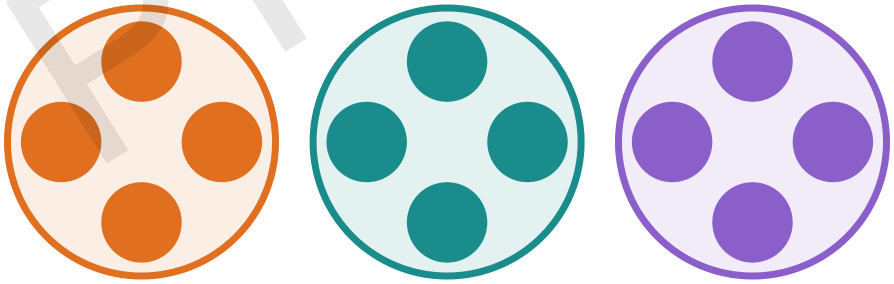
6 ÷ 2 = ____



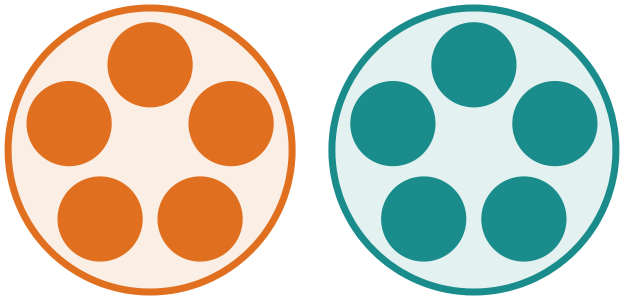
8 ÷ 2 = ____



9 ÷ 3 = ____



12 ÷ 3 = ____



10 ÷ 2 = ____

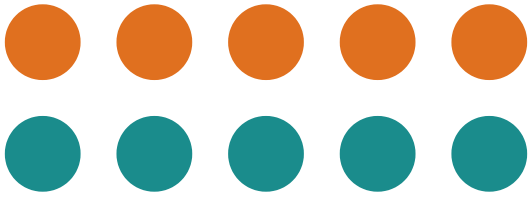
PREVIEW

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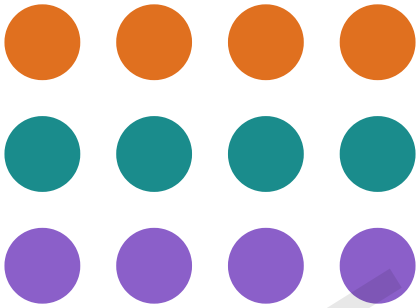
My name _____

Count the dots. Count the rows. Write the sentence.

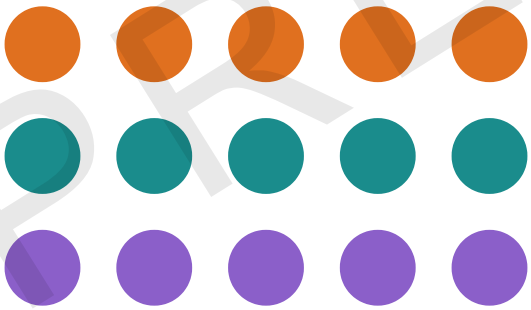
The dots in all go first. The rows go second.



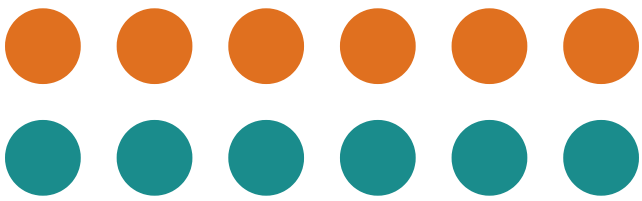
___ ÷ ___ = ___



___ ÷ ___ = ___



___ ÷ ___ = ___



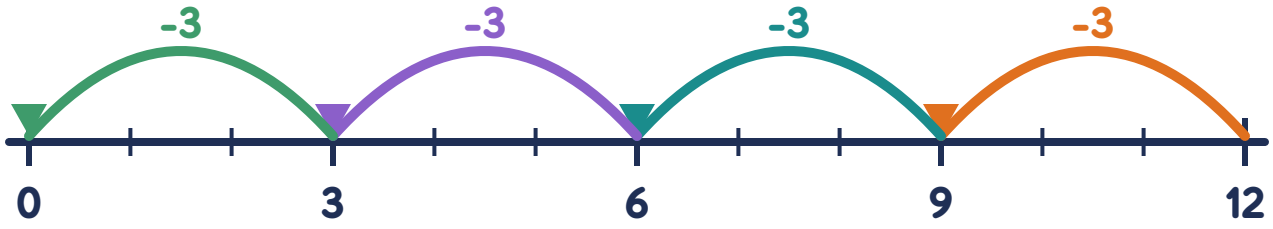
___ ÷ ___ = ___

PREVIEW

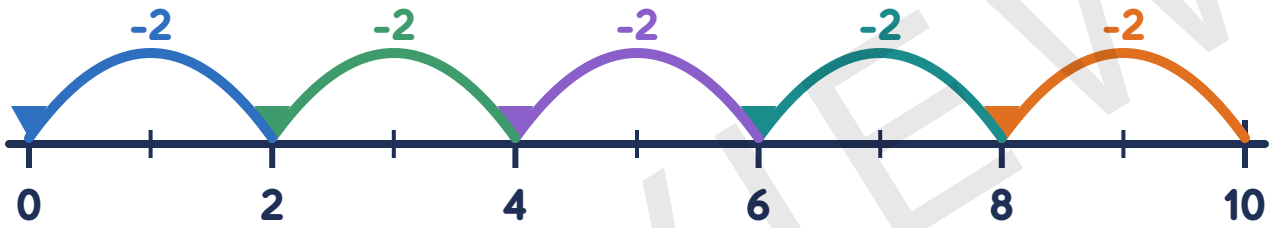
Preview - Bright Path Sped

My name _____

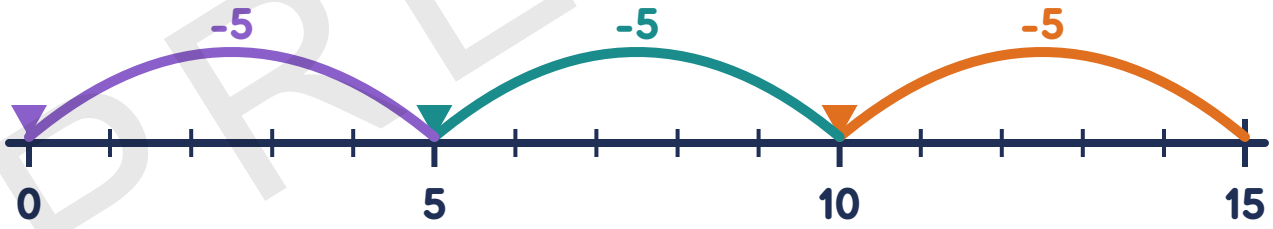
Count the jumps back to 0. Write.



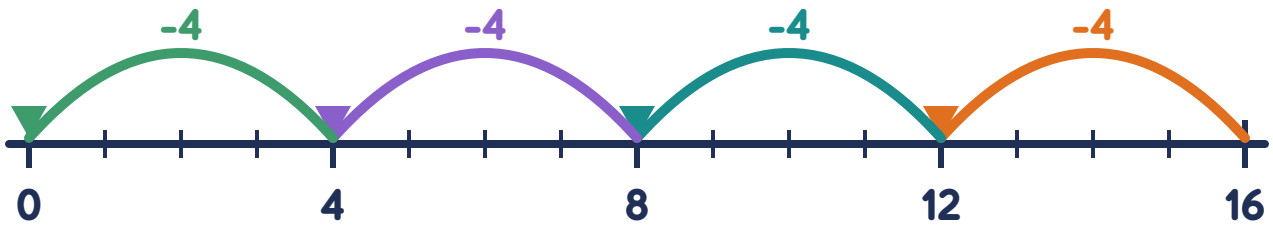
____ jumps, so 12 ÷ 3 = ____



____ jumps, so 10 ÷ 2 = ____



____ jumps, so 15 ÷ 5 = ____



____ jumps, so 16 ÷ 4 = ____

PREVIEW

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My name _____

Glue each picture from page 18 next to its words.

12 DOTS IN 3 EQUAL ROWS 12 ÷ 3 = 4	glue here
10 DOTS IN 2 EQUAL ROWS 10 ÷ 2 = 5	glue here
15 DOTS IN 3 EQUAL ROWS 15 ÷ 3 = 5	glue here

PREVIEW

Preview - Bright Path Sped

My name _____

Read the story. Draw it. Write the sentence.

12 children make 3 equal teams.

Draw it. Show your work.

____ ÷ ____ = ____

A baker puts 20 muffins on 4 equal trays.

Draw it. Show your work.

____ ÷ ____ = ____

A class has 17 markers. 5 children share them equally.

Draw it. Show your work.

____ ÷ ____ = ____ R ____

PREVIEW

Key: Groups, Arrays, Subtraction and Number Line

Keep this page for yourself. A child may draw the groups a different way; check that every group has the same number.

Equal groups (page 19)

Item	Sentence	Answer
1	6 ÷ 2	3 in each group
2	8 ÷ 2	4 in each group
3	9 ÷ 3	3 in each group
4	12 ÷ 3	4 in each group
5	10 ÷ 2	5 in each group

Arrays (page 20)

Item	Sentence	Array
1	10 ÷ 2 = 5	2 rows of 5
2	12 ÷ 3 = 4	3 rows of 4
3	15 ÷ 3 = 5	3 rows of 5
4	12 ÷ 2 = 6	2 rows of 6

Repeated subtraction (page 21)

Subtract	Times
12 - 3 - 3 - 3 - 3 = 0	4 times
10 - 2 - 2 - 2 - 2 - 2 = 0	5 times
15 - 5 - 5 - 5 = 0	3 times
16 - 4 - 4 - 4 - 4 = 0	4 times

Number line (page 22)

Line	Jumps	Sentence
1	4 jumps	12 ÷ 3 = 4
2	5 jumps	10 ÷ 2 = 5
3	3 jumps	15 ÷ 5 = 3
4	4 jumps	16 ÷ 4 = 4

My notes on the answers

PREVIEW

A Note Home: Division

One page to send home when you start the posters.

Date _____ Class _____ Teacher _____

Dear families,

This week we are learning to **divide**. Dividing means sharing a total into equal groups. 12 shared into 3 equal groups is 4 in each group: 12 ÷ 3 = 4.



This week we are practicing

_____

_____

You can try this at home

Share 12 small things (buttons, crackers, coins) into 3 equal groups. Ask: "How many in each group? Is anything left over? Which multiplication fact helps?"

_____

_____

_____

A note from me (your words)

_____

_____

_____

_____

Thank you, (teacher) _____ Family signature, if your school asks for one _____

PREVIEW

Phrase Bank

Fill each blank with what you really saw and heard.

Teaching the words

- "Divide means share into equal groups, or find how many groups."
- "The dividend is the whole amount. The divisor is the number you divide by."
- "The quotient is the answer. A remainder is what is left over."
- "Every division sentence has a multiplication partner."

Asking a question

- "How many in all? How many groups? How many in each group?"
- "Can you show it with an array? Can you show it on a number line?"
- "Which multiplication fact helps you here?"
- "Is there anything left over? Can it make another group?"

Noticing what a child did

- "You drew the same number of dots in every group."
- "You took away the same number each time and counted the jumps."
- "You used a multiplication fact to find the answer."
- "You found a leftover and wrote it as R ____."

Sentence starters for children

- I shared ____ into ____ equal groups. There are ____ in each group.
- I took away ____ again and again. I did it ____ times.
- ____ x ____ = ____, so ____ ÷ ____ = ____.
- There are ____ left over, so I write R ____.

For the note home

- This week we are learning to divide: share a number into equal groups.
- Try it at home: share 12 things into 3 equal groups and say how many are in each group.
- Ask your child which multiplication fact helps.
- Thank you for ____ (what the family did to help).

PREVIEW