Name _____ Date _____

Using × and ÷

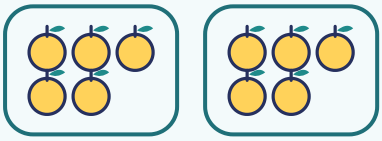
The × and ÷ signs are a short way to write groups and sharing.

1 Learn



× means "groups of" or "times". ÷ means "shared between" or "divided by". = means "is the same as".

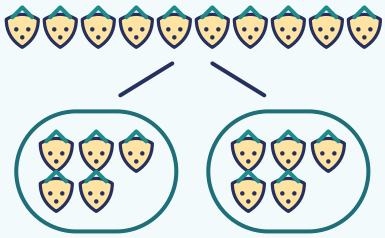
× times



2 × 5 = 10

2 groups of 5 is 10

÷ divided by



10 ÷ 2 = 5

10 shared between 2 is 5 each

Read it out loud

3 × 10 = 30	"3 times 10 equals 30" or "3 groups of 10 is 30"
20 ÷ 5 = 4	"20 divided by 5 equals 4" or "20 shared between 5 is 4"

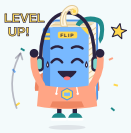
Flip's tip: you can swap the numbers in a ×: 2 × 5 = 5 × 2. You **can't** swap them in a ÷. 10 ÷ 2 is 5, but 2 ÷ 10 means sharing 2 things between 10, so no one gets a whole one!

Warm up: write × or ÷ in the circle. 5 ◯ 2 = 10 10 ◯ 2 = 5

Grown-ups: read Flip's words aloud. Children often mix up × and ÷ because they look alike. The ÷ has a dot above and below a line: like one thing being split into parts.

Name _____ Date _____

2 Try it together a child and a grown-up, about 10 minutes



Sign cards

You need: 20 small things (dry pasta, pegs or small blocks), some scraps of paper and a pencil.

1. Make three sign cards: **×**, **÷** and **=**. Write numbers on other scraps when you need them.
2. The grown-up makes **4 groups of 5**. The child lays out cards to match: 4 × 5 = 20.
3. The grown-up shares **20** things between **2** plates. The child makes: 20 ÷ 2 = 10.
4. Swap jobs! The child makes groups or shares, and the grown-up makes the cards. Check them!

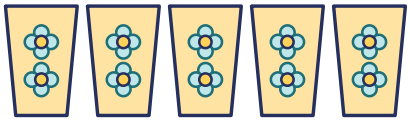
What we made	Number sentence
4 groups of 5	
20 shared between 2	

Grown-ups: when it's your turn to make the cards, put the wrong sign in once and see if your child spots it. Ask "Is that groups of, or shared between?"

3 Practise

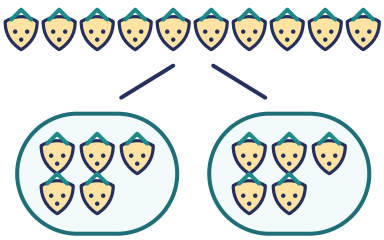
A. Write the number sentence. Put × or ÷ in the circle.

5 groups of 2



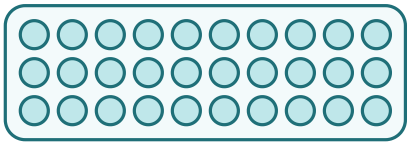
_____ ◯ _____ = _____

10 shared between 2



_____ ◯ _____ = _____

3 rows of 10



_____ ◯ _____ = _____

Using × and ÷

Scan to play this chapter in the game

Name _____ Date _____

B. Write × or ÷ in the circle.

4 ◯ 5 = 20

20 ◯ 5 = 4

6 ◯ 2 = 12

12 ◯ 2 = 6

7 ◯ 10 = 70

30 ◯ 10 = 3

C. Fill the gaps.

5 × 4 = ☐

☐ × 2 = 16

30 ÷ 10 = ☐

18 ÷ 2 = ☐

25 ÷ ☐ = 5

2 × 10 = 10 × ☐

D. Write a number sentence for each story. Then solve it.

4 bunnies each have **2** carrots. How many carrots altogether?

15 seeds are shared between **5** pots. How many in each pot?

Challenge

Leo says, "10 ÷ 2 is the same as 2 ÷ 10, because you can swap the numbers round." Is he right? Why?

I can... Tick when you can.

- ☐ read × as "times" or "groups of"
- ☐ read ÷ as "divided by" or "shared between"
- ☐ write number sentences with ×, ÷ and =