

This is a long lesson so there is no additional mastery. There is an optional activity time.

Lesson 23

Finding the Fraction of a Number

In Focus

How can we find $\frac{1}{2}$ of 6?

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

Use the division table on the website to support if your child is finding division tricky.

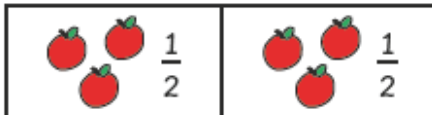
Let's Learn

- 1 Emma shows 6 using .



$\frac{1}{2}$ of 6 is equal to 3.

- 2 Sam draws a picture to show 6.




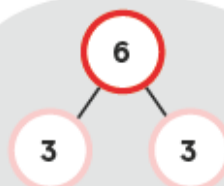
$\frac{1}{2}$ of 6 is equal to 3.

- 3 Hannah uses division.

$$\begin{aligned}\frac{1}{2} \text{ of } 6 &= 6 \div 2 \\ &= 3\end{aligned}$$

$\frac{1}{2}$ of 6 is equal to 3.



$$\frac{1}{2} \text{ of } 6 = 3$$



This is optional.

Activity Time

Play in pairs.

- ① Shuffle the cards. Put each card face down on the table.
- ② Turn over a $\frac{1}{2}$ or 6.
- ③ Use  and $\frac{1}{2}$ or $\frac{1}{2}$ to help you find $\frac{1}{2}$ or 6.
- ④ Ask your partner to check your answer.
- ⑤ Take turns to repeat ① to ④.

What you need:



Guided Practice

- 1 Calculate.

(a) $\frac{1}{2}$ of 10 =

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(b) $\frac{1}{4}$ of 16 =

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(c) $\frac{1}{8}$ of 24 =

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2 Calculate.

(a) $\frac{3}{5}$ of 10 =



(b) $\frac{5}{6}$ of 18 =



3 Elliott uses this method to calculate.

$\frac{1}{2}$ of 4 = $4 \div 2 = 2$



Use Elliott's method to calculate.

(a) $\frac{1}{2}$ of 8 = \div =



(b) $\frac{1}{3}$ of 9 = \div =



(c) $\frac{1}{5}$ of 10 = \div =



Name: _____ Class: _____ Date: _____

Worksheet 23

Finding the Fraction of a Number

- 1** Calculate and fill in the blanks.
Use the bars to help you.

(a) $\frac{1}{7}$ of 14 = 

(b) $\frac{1}{5}$ of 35 = 

(c) $\frac{1}{5}$ of 50 = 

(d) $\frac{1}{8}$ of 72 = 

(e) $\frac{1}{6}$ of 36 = 

2 Fill in the blanks.

(a) $\frac{1}{4}$ of 32 = \div
=

(b) $\frac{1}{9}$ of 81 = \div
=

(c) $\frac{1}{3}$ of 33 = \div
=

(d) $\frac{1}{10}$ of 60 = \div
=

(e) $\frac{1}{7}$ of 56 = \div
=