

Calculating with Fractions

Activity Book p.171

Worksheet A

Find Fractions of Numbers

Level 1 Level 2 Level 3

- I Hadi has 8 marbles.
 $\frac{1}{4}$ of the ^{total}₈ marbles are black.



If you are not sure,
you can refer to
Student's Book
pages 214 to 216.



- a How many marbles are black?

2



- b Explain how you found the answer.

I divided the 8 marbles into 4 equal groups.
Then I counted how many marbles are in each group.

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- 2 Jen has 10 cards.
 $\frac{1}{2}$ of the ^{total} cards are picture cards.
The rest are number cards.



- a How many picture cards does Jen have?

$$\frac{1}{2} \text{ of } 10 = 10 \div 2 = 5$$

- b How many number cards does she have?

$$\frac{1}{2} \text{ of } 10 = 10 \div 2 = 5$$

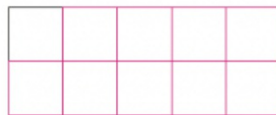
- c How do you check if your answers in a and b are correct?

I add the number cards and picture cards to get the total.
 $5 + 5 = 10.$

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Level 1 **Level 2** Level 3

- 3 This is $\frac{1}{10}$ of a rectangle.



a Draw the rest of the shape.

- b Why did you draw it in that way?

Because a rectangle has 4 sides and 10 parts.

How many
parts does the
rectangle have?



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4 Fill in the blanks.

a What is $\frac{1}{10}$ of 40?

$$\frac{\boxed{1}}{\boxed{10}} \text{ of } 40 = 40 \div 10 \\ = 4$$

b What is $\frac{1}{3}$ of 15?

$$\frac{\boxed{1}}{\boxed{3}} \text{ of } 15 = 15 \div 3 \\ = 5$$

c What is $\frac{1}{4}$ of 24?

$$\frac{\boxed{1}}{\boxed{4}} \text{ of } 24 = 24 \div 4 \\ = 6$$

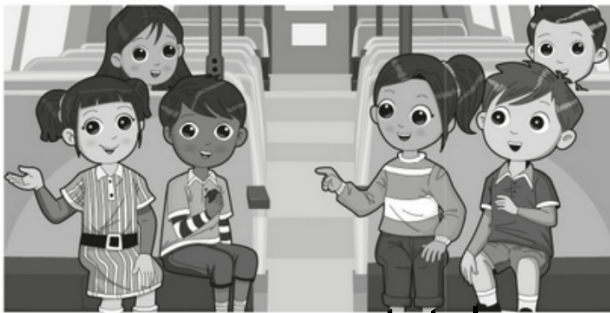
d What is $\frac{1}{2}$ of 18?

$$\frac{\boxed{1}}{\boxed{2}} \text{ of } 18 = 18 \div 2 \\ = 9$$

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Level 1 Level 2 **Level 3**

- 5 $\frac{3}{4}$ of the students of Class 3A walk to school.
 $\frac{1}{4}$ The rest of them take the school bus.
 6 of them take the school bus.



total

How many students are there in the class?

$$6 \times 3 = 18$$

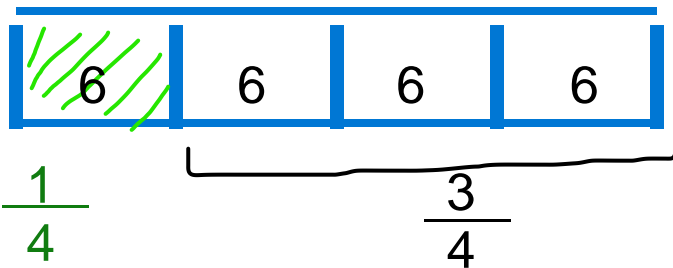
$$18 + 6 = 24$$

There are 24 students in the class.

If you feel stuck,
take a break to
clear your mind.



total



$$\frac{4}{4}$$