

Sharing More Than 1

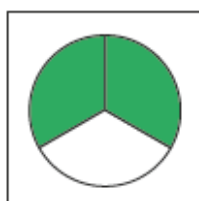
Lesson 25

In Focus

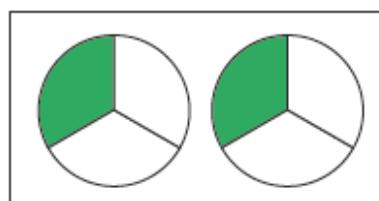
Sam and Holly drew pictures to show $\frac{2}{3}$ of a circle.



Sam



Hannah



Who is correct?

Let's Learn

1



is 1.



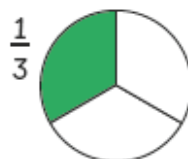
is $\frac{1}{3}$.



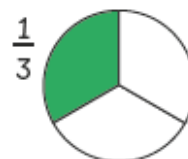
is $\frac{2}{3}$.

Sam is correct.

2



$\frac{1}{3}$



$\frac{1}{3}$



=

$\frac{2}{3}$

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

Hannah is also correct.

IS EACH WHOLE
DIVIDED INTO 6 OR
THREE?

There are 6 pieces but
each **whole** pie is
divided in 3.

If there were two whole pies that needed to be shared between 3 children, how would you cut them?

2

2 pies shared by 3 children
 $2 \div 3$

Cut each pie into 3 equal parts.

$2 \div 3 = \frac{2}{3}$

Each child gets 2 thirds of a pie.

Guided Practice

Solve.

1

share 12 pies equally.

gets pies.

Remember there is a division table on the website to support you if you need it.

2

share 3 pizzas equally.

gets of a pizza.

3

$4 \div 5 =$

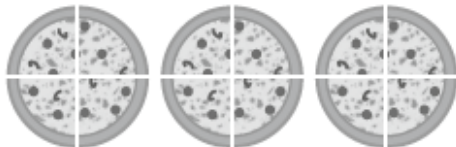
Name: _____ Class: _____ Date: _____

Worksheet 25

Sharing More Than 1

Solve and fill in the blanks.

(a)



4 girls share 3 pizzas equally.

$$\boxed{} \div \boxed{} = \boxed{}$$

Each girl will get $\boxed{}$ of a pizza.

(b)



7 boys share 6 cakes equally.

$$\boxed{} \div \boxed{} = \boxed{}$$

Each boy will get $\boxed{}$ of a cake.

(c) $4 \div 9 = \boxed{}$

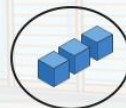
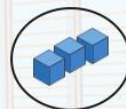
(d) $6 \div 11 = \boxed{}$

Quarters of Objects

Mariam has 12 cubes. She makes 4 equal sets.

How many cubes are $\frac{1}{4}$ of the whole set?

How many cubes are $\frac{3}{4}$ of the whole set?



Mariam has 16 cubes. She makes 4 equal sets.

How many cubes are $\frac{1}{4}$ of the whole set?

How many cubes are $\frac{3}{4}$ of the whole set?



ANSWERS

2

2 pies shared by 3 children
 $2 \div 3$

Cut each pie into 3 equal parts.

$2 \div 3 = \frac{2}{3}$

Each child gets 2 thirds of a pie.

Guided Practice

Solve.

1

4 children share 12 pies equally.

1 child gets $\frac{12}{4}$ pies.

2

4 children share 3 pizzas equally.

1 child gets $\frac{3}{4}$ of a pizza.



3

$4 \div 5 = \frac{4}{5}$

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Name: _____ Class: _____ Date: _____



Worksheet 25

Sharing More Than 1

Solve and fill in the blanks.

(a)



4 girls share 3 pizzas equally.

$$\boxed{3} \div \boxed{4} = \boxed{3/4}$$

Each girl will get $\boxed{3/4}$ of a pizza.

(b)



7 boys share 6 cakes equally.

$$\boxed{6} \div \boxed{7} = \boxed{6/7}$$

Each boy will get $\boxed{6/7}$ of a cake.

(c) $4 \div 9 = \boxed{4/9}$

(d) $6 \div 11 = \boxed{6/11}$

Quarters of Objects

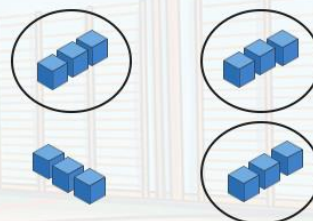
Mariam has 12 cubes. She makes 4 equal sets.

How many cubes are $\frac{1}{4}$ of the whole set?

$\frac{1}{4}$ of 12 cubes = 3 cubes

How many cubes are $\frac{3}{4}$ of the whole set?

$\frac{3}{4}$ of 12 cubes = 9 cubes



Mariam has 16 cubes. She makes 4 equal sets.

How many cubes are $\frac{1}{4}$ of the whole set?

$\frac{1}{4}$ of 16 cubes = 4 cubes

How many cubes are $\frac{3}{4}$ of the whole set?

$\frac{3}{4}$ of 16 cubes = 12 cubes

