

Parents, please discuss the information on these pages with your children and then help them to do the Guided Practice questions. You can then correct them if they have not understood. The grey Workbook pages should be completed by the children as independently as possible and will be checked by their teacher. Please read any instructions carefully to know how to answer specific questions.

Making Equal Fractions

Lesson
6

In Focus

Charles and Ruby order 2 pizzas of the same size.
Ruby eats 3 equal pieces of her pizza.
Charles eats 4 equal pieces of his pizza.
They eat the same amount of pizza.
Is this possible?



Let's Learn

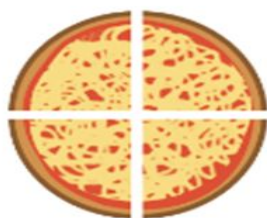
1



The pizza is divided into 3 equal parts.

3 thirds make 1 whole.

Each part is 1 third.



The pizza is divided into 4 equal parts.

4 quarters or 4 fourths make 1 whole.

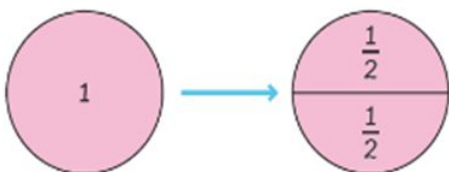
Each part is 1 quarter or 1 fourth.



How can it be possible to eat 3 pieces or 4 pieces and end up eating the same amount? Explain to your parent.

If someone ate 1 piece of pizza and someone ate 2 pieces of pizza the same size, could they have eaten the same amount? How? Explain.

2 The circle is divided into 2 equal parts.

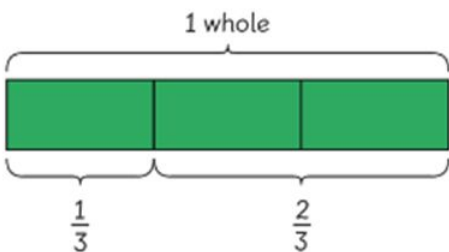


halves make 1 whole.

Each part is 1 half.



3

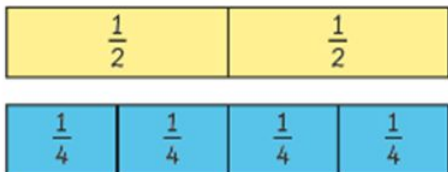


$\frac{1}{3}$ and $\frac{2}{3}$ make 1 whole.

Each part is 1 third.



4



$\frac{1}{4}$ and $\frac{1}{4}$ make $\frac{1}{2}$.

$$\frac{\square}{4} = \frac{1}{2}$$



$\frac{\square}{4}$ and $\frac{\square}{4}$ make 1.

How many quarters make $\frac{1}{2}$?



If the pizza was divided into 2 equal parts:

-How much would each part be?

-How would I make 1 whole?

What would $\frac{1}{4}$ and $\frac{3}{4}$ make?

How many quarters make a $\frac{1}{2}$?

Guided Practice

1 What are the missing fractions?

(a)



$\frac{2}{3}$ and make 1 whole.

(b)



$\frac{1}{4}$ and make 1 whole.

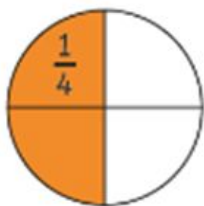
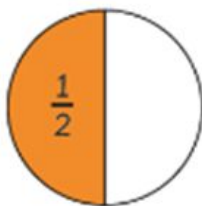
2

(a) $\frac{1}{2}$ and make 1.

(b) $\frac{1}{3}$ and make 1.

(c) and $\frac{1}{4}$ make 1.

3



What fraction is equal to $\frac{1}{2}$?

4

Match the fractions to make a whole.

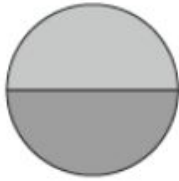


Worksheet 6

Making Equal Fractions

1 Fill in the blanks.

(a)



$\frac{1}{2}$ and make 1 whole.

(b)



$\frac{1}{4}$ and make 1 whole.

(c)



and $\frac{1}{3}$ make 1 whole.

(d)

and $\frac{2}{3}$ make 1 whole.

(e)

$\frac{2}{4}$ and make 1 whole.

Complete the sentences by filling in the blanks. Write below:

a)

b)

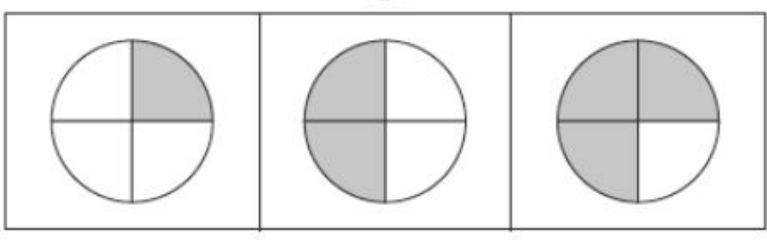
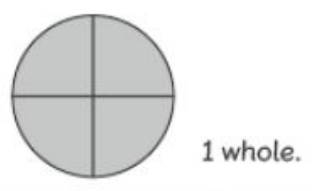
c)

d)

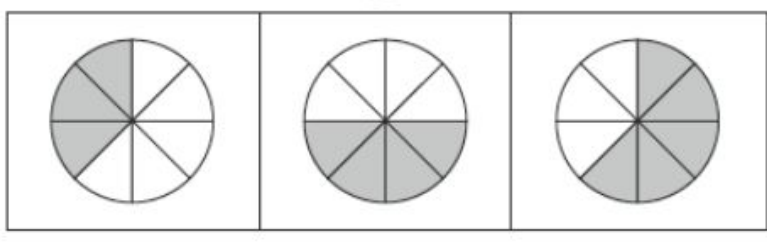
e)

2 Circle the two fractions that make 1 whole.

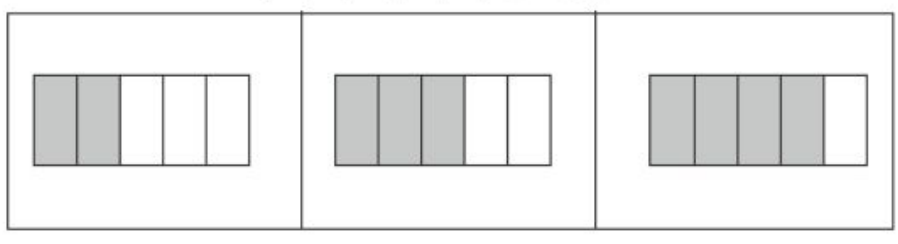
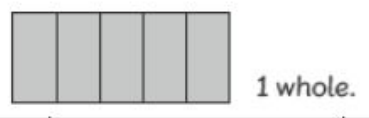
(a)



(b)



(c)



Write which 2 circles will make one whole. For example 1 and 2 or 1 and 3 or 2 and 3.

a)

b)

c)

Challenge:

Explain clearly where Alex has gone wrong. What misconception did she have?

Alex says,

I have shaded $\frac{2}{2}$
of the shape.



What mistake might Alex have made?