IALT: understand tenths (R).

___ + 45 = 100

83 + ___ = 100

91 + ___ = 100

100 – 24 =

100 – 35 =

100 – ___ = 12

100 – ___ = 30

100 – ___ = 5

Harry leaves school at

He gets home at

How long does he take to get home?

IALT: understand tenths (R).

$55 + 45 = 100$

$83 + 17 = 100$

$91 + 9 = 100$

$100 - 24 = 76$

$100 - 35 = 65$

$100 - 88 = 12$
70

$100 - 70 = 30$
95

$100 - 95 = 5$

Harry leaves school at

He gets home at

20 minutes

How long does he take to get home?

https://www.topmarks.co.uk/maths-games/daily10
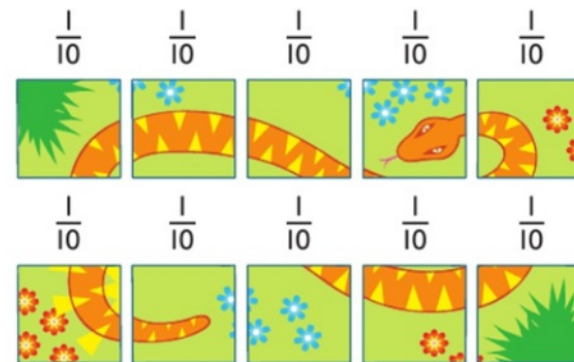
Daily Counting

6   9   7

a) What fraction of the whole jigsaw is 1 piece?

b) Danny removes 2 pieces of the jigsaw. What fraction does he remove?

Is the answer the same no matter which pieces he removes?

a)

b)

a) What fraction of the whole jigsaw is 1 piece?

b) Danny removes 2 pieces of the jigsaw. What fraction does he remove?

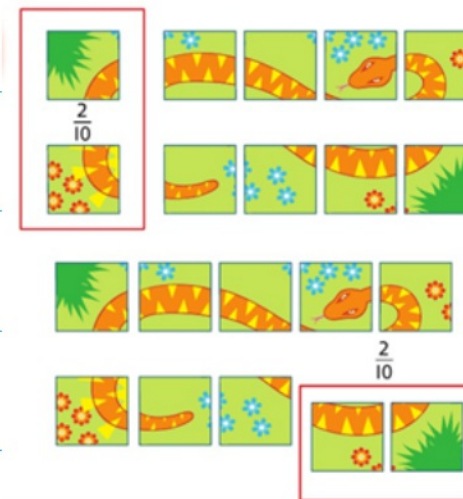Is the answer the same no matter which pieces he removes?

a)

$\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$

$\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$

b)

$\frac{2}{10}$

$\frac{2}{10}$
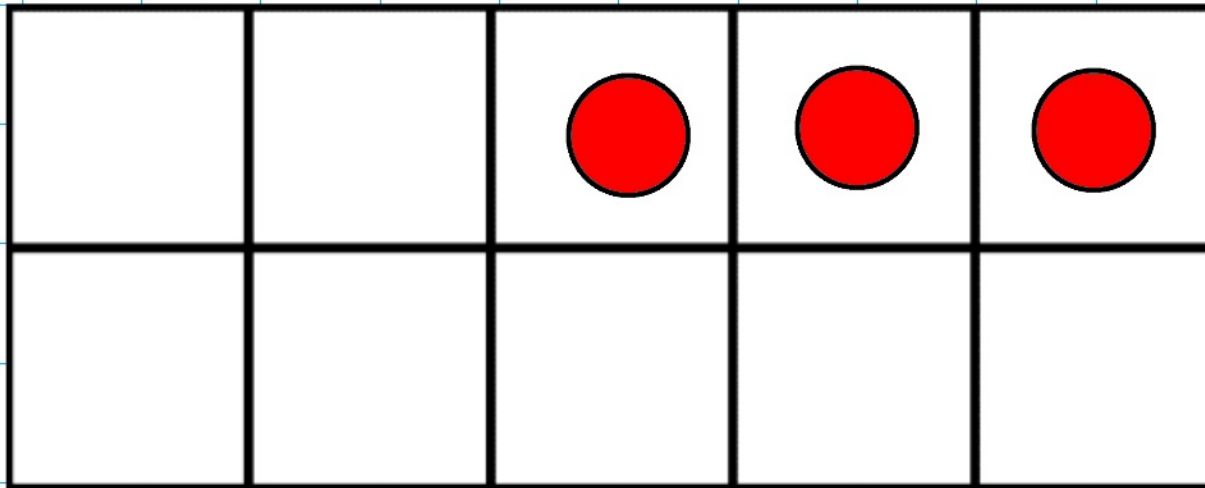
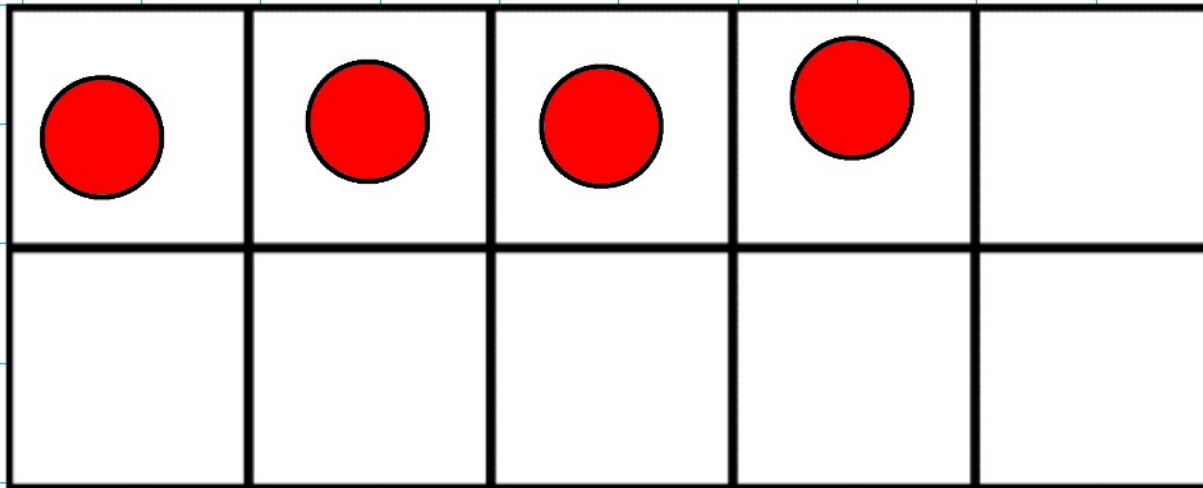How many equal parts are there all together?
How much is each part worth?

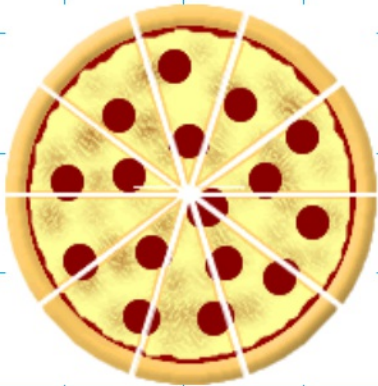What fraction have red counters?
What fraction have no counters?

When I am writing in tenths the denominator is always ___.

How can we write this as a fraction?

What is the numerator/ denominator?

What fraction is left?
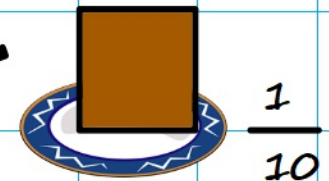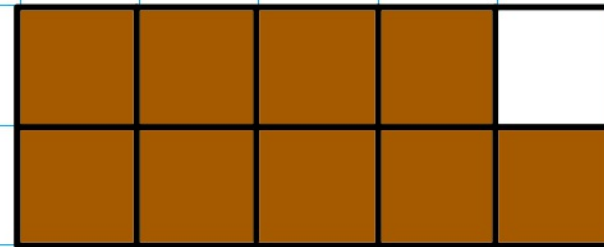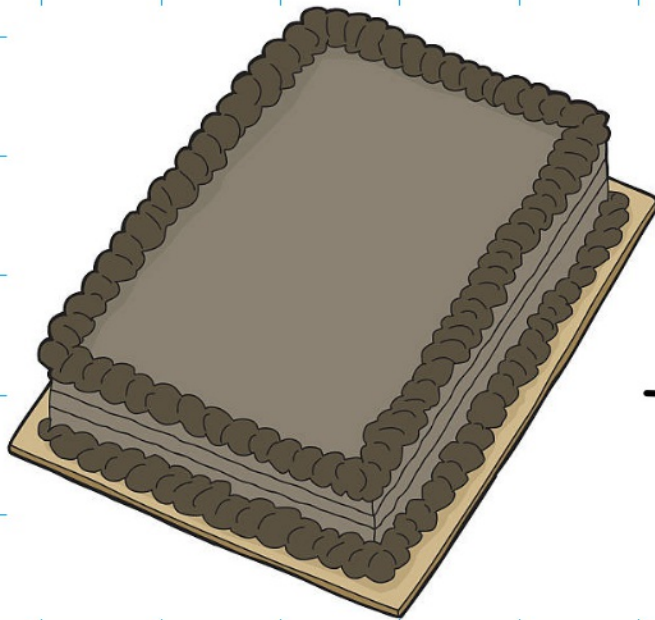
$\frac{10}{10}$ equivalent to 1

1 pizza

1 group of children

If I wanted to share one whole cake with 10 people.
I would divide the cake into 10 equal parts
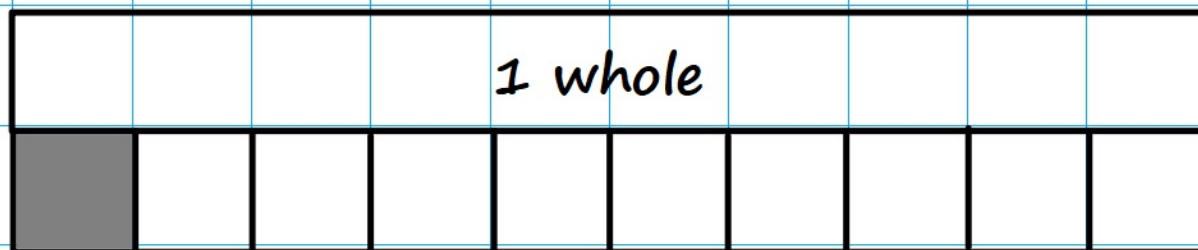
How are fractions linked to division?

$\frac{1}{10}$

Each person will get 1
$\frac{}{10}$

1 cake shared between 10 people = 1
$\frac{}{10}$

Lets imagine the cake as a bar model

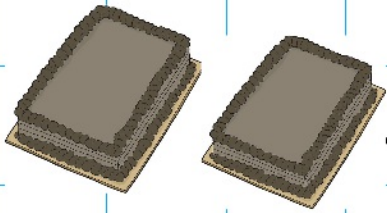The bar model has been divided into **10** equal parts
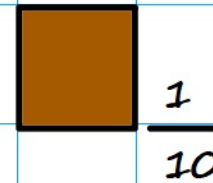
| 1 whole |

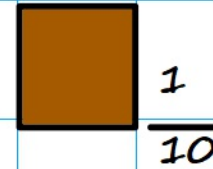1 cake

divided by ten

$= \dfrac{1}{10}$

$\dfrac{1}{10}$ out of the **ten** parts is shaded

2 whole cakes

If I had 2 whole cakes and wanted to share with 10 people what fraction would each person get?

$\frac{1}{10}$

$\frac{1}{10}$
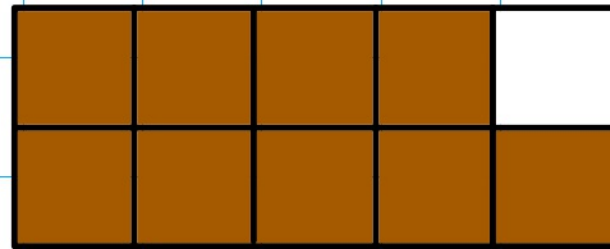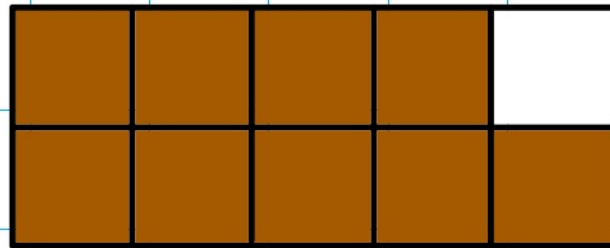
What would be the number sentence?

2 cakes shared between 10 people

There are 2 wholes models represent the 2 cakes. 1 part from each must be shaded

2 wholes

1 whole

1 whole

2 wholes

1		1
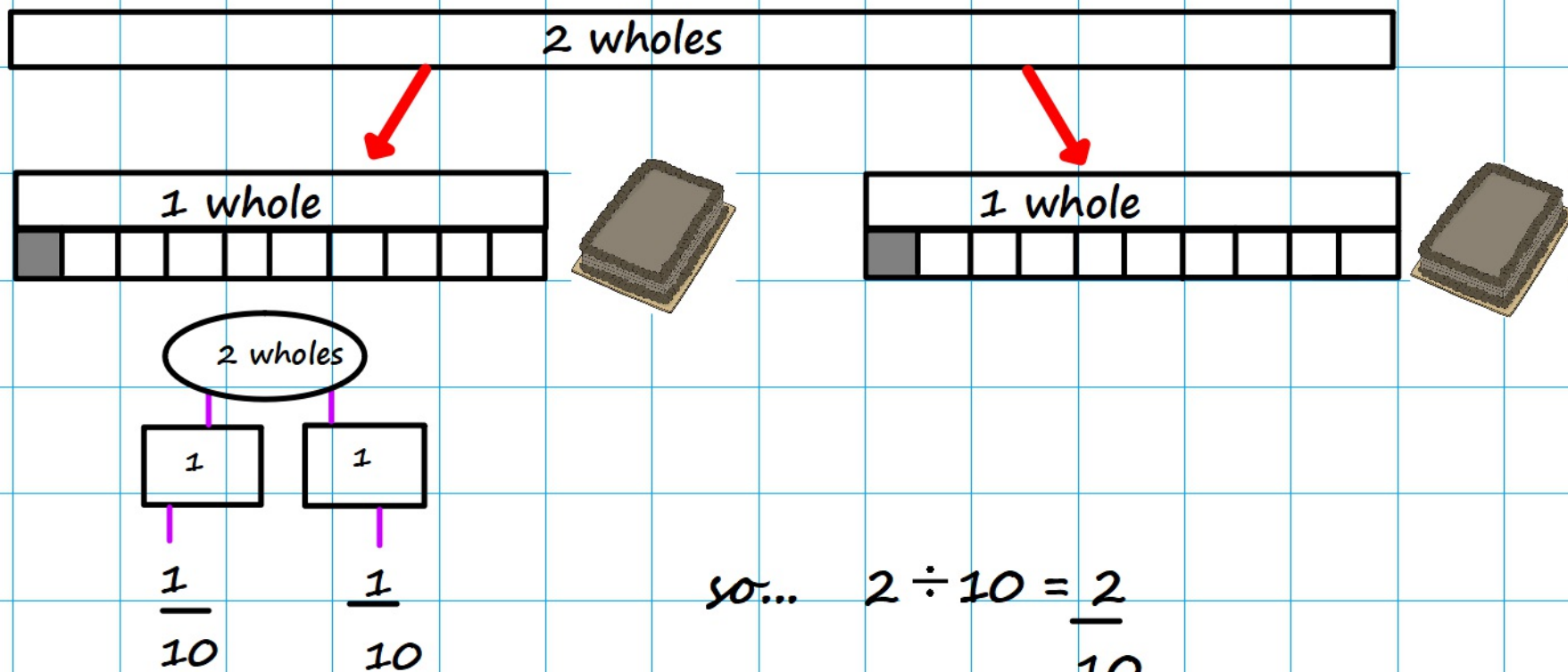
$\dfrac{1}{10}$ $\dfrac{1}{10}$

so... $2 \div 10 = \dfrac{2}{10}$

Work Presentation

$$2 \div 10 = \frac{2}{10}$$

2 Wholes

1   1

$$\frac{1}{10} \qquad \frac{1}{10}$$

1. Write the question

2. Complete part whole model

3. Go back to the number sentence and write the answer
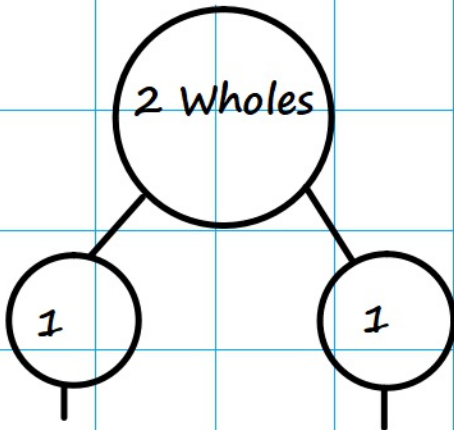
How many tenths make a whole?

When I am writing tenths, the _____ is always 10

$3 \div 10 =$

$4 \div 10 =$

$5 \div 10 =$

$6 \div 10 =$

a. $\dfrac{\square}{\square} = 2 \div 10$

b. $\dfrac{\square}{\square} = 9 \div 10$

c. $0 \div 10 = \dfrac{\square}{\square}$

d. $10 \div 10 = \dfrac{\square}{\square}$

Annie has 2 cakes. She wants to share them equally between 10 people. What fraction of the cakes will each person get?

There are ____ cakes.

They are shared equally between ___ people.

Each person has $\frac{\square}{\square}$ of the cake.

___ ÷ ____ = _____

What fraction would they get if Annie had 4 cakes?

Odd One Out

Which is the odd one out?
Explain your answer.

ANSWERS:

How many tenths make a whole? **10**

When I am writing tenths, the _denominator_ is always 10

$3 \div 10 = \dfrac{3}{10}$

$4 \div 10 = \dfrac{4}{10}$

$5 \div 10 = \dfrac{5}{10}$

$6 \div 10 = \dfrac{6}{10}$

a. $\dfrac{2}{10} = 2 \div 10$ c. $0 \div 10 = \dfrac{0}{10}$

b. $\dfrac{9}{10} = 9 \div 10$ d. $10 \div 10 = \dfrac{10}{10}$

Mild:

Annie has 2 cakes. She wants to share them equally between 10 people. What fraction of the cakes will each person get?

There are __2__ cakes.

They are shared equally between __10__ people.

Each person has $\frac{2}{10}$ of the cake.

$2 \div 10 = \frac{2}{10}$ / 2 tenths

What fraction would they get if Annie had 4 cakes? $\frac{4}{10}$

Spicy:

Odd One Out

Which is the odd one out?
Explain your answer.

This representation is not a tenth, it is an eighth.