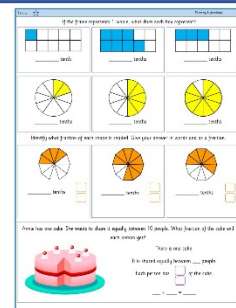


★ Tenths

Children explore what a tenth is. They recognise that tenths arise from dividing one whole into 10 equal parts. They represent tenths in different ways and use words and fractions to describe them. For example, one tenth and $\frac{1}{10}$.

On this sheet, they are given representations and identify how many tenths are shaded.

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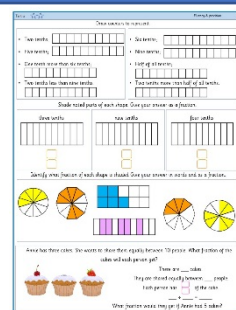


★★ Tenths

Children explore what a tenth is. They recognise that tenths arise from dividing one whole into 10 equal parts. They represent tenths in different ways and use words and fractions to describe them. For example, one tenth and $\frac{1}{10}$.

On this sheet, they will read the tenths and shade the models to represent the tenths.

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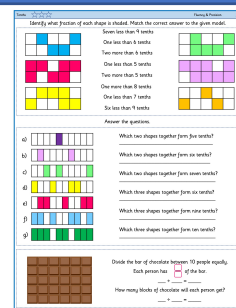


★★★ Tenths

Children explore what a tenth is. They recognise that tenths arise from dividing one whole into 10 equal parts. They represent tenths in different ways and use words and fractions to describe them. For example, one tenth and $\frac{1}{10}$.

On this sheet, they will solve multistep questions involving tenths.

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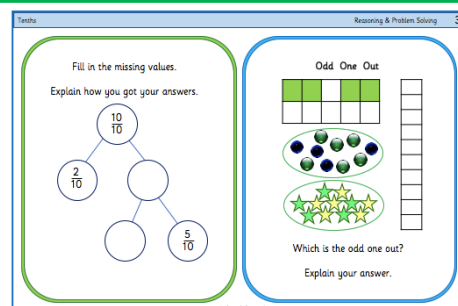


Reasoning & Problem Solving

Tenths

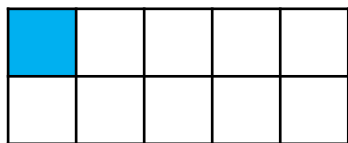
Children continue working on their understanding of tenths.

They will solve reasoning questions involving representation of tenths.





If the frame represents 1 whole, what does each box represent?



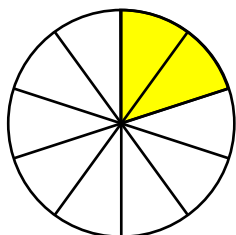
_____ tenth



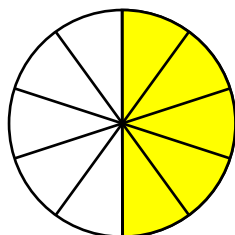
_____ tenths



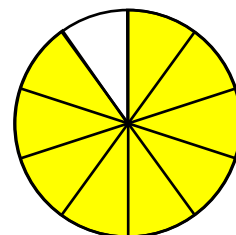
_____ tenths



_____ tenths

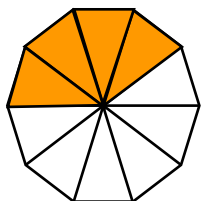


_____ tenths

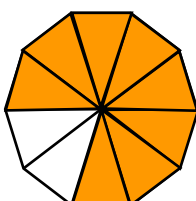


_____ tenths

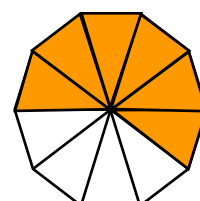
Identify what fraction of each shape is shaded. Give your answer in words and as a fraction.



_____ tenths



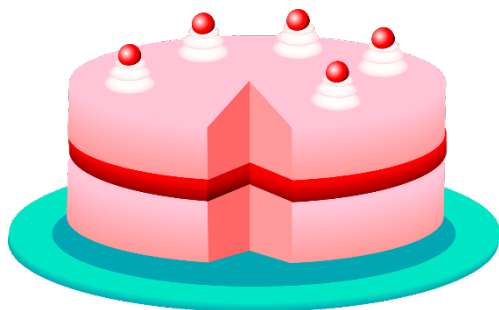
_____ tenths



_____ tenths

Annie has one cake. She wants to share it equally between 10 people.

What fraction of the cake will each person get?



There is one cake.

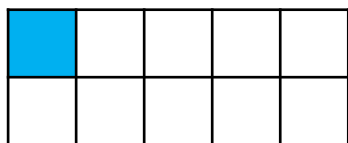
It is shared equally between ____ people.

Each person has of the cake.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$



If the frame represents 1 whole, what does each box represent?



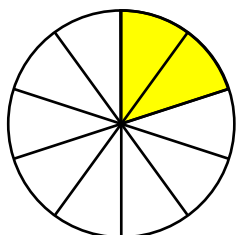
one tenth



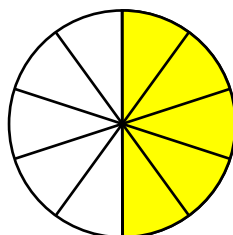
seven tenths



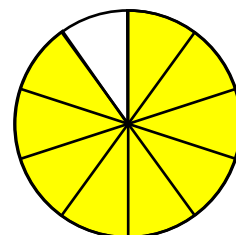
three tenths



two tenths

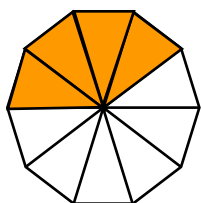


five tenths



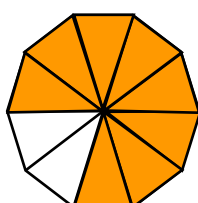
nine tenths

Identify what fraction of each shape is shaded. Give your answer in words and as a fraction.



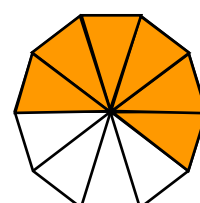
four tenths

$\frac{4}{10}$



eight tenths

$\frac{8}{10}$

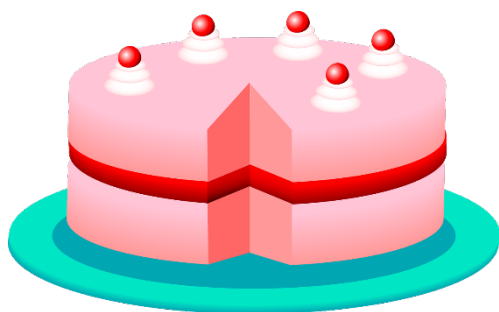


six tenths

$\frac{6}{10}$

Annie has one cake. She wants to share it equally between 10 people.

What fraction of the cake will each person get?



There is one cake.

It is shared equally between 10 people.

Each person has $\frac{1}{10}$ of the cake.

$$1 \div 10 = \frac{1}{10}$$



Draw counters to represent:

• Two tenths;

• Five tenths;

• One tenth more than six tenths;

• Two tenths less than nine tenths.

• Six tenths;

• Nine tenths;

• Half of all tenths;

• Two tenths more than half of all tenths.

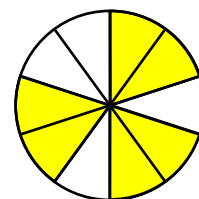
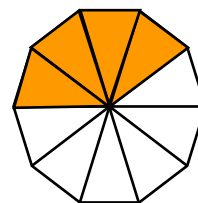
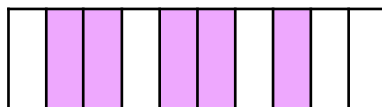
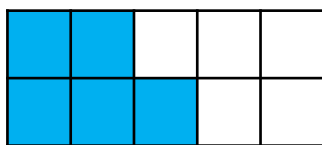
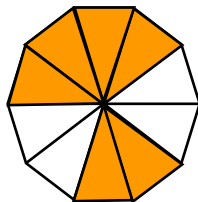
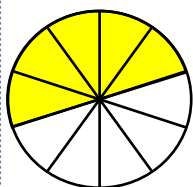
Shade the given parts of each shape. Give your answer as a fraction.

three tenths

nine tenths

four tenths

Identify what fraction of each shape is shaded. Give your answer in words and as a fraction..



Annie has three 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 of the cake.

____ ÷ ____ = ____

What fraction would they get if Annie had 5 cakes?



Draw counters to represent:

- Two tenths;
- Five tenths;
- One tenth more than six tenths;
- Two tenths less than nine tenths.

- Six tenths;
- Nine tenths;
- Half of all tenths;
- Two tenths more than half of all tenths.

Shade the given parts of each shape. Give your answer as a fraction.

three tenths



$\frac{3}{10}$

nine tenths



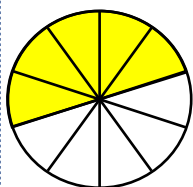
$\frac{9}{10}$

four tenths

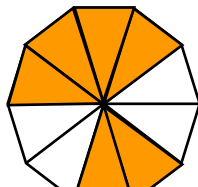


$\frac{4}{10}$

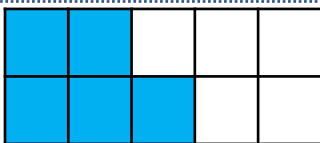
Identify what fraction of each shape is shaded. Give your answer in words and as a fraction..



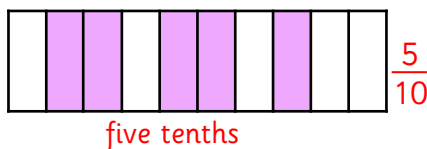
$\frac{5}{10}$
five tenths



$\frac{6}{10}$
six tenths

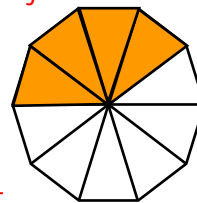


$\frac{5}{10}$ five tenths

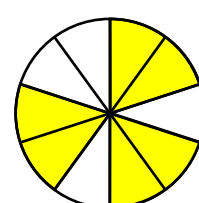


five tenths

$\frac{4}{10}$
four tenths



$\frac{6}{10}$
six tenths



Annie has three cakes. She wants to share them equally between 10 people.

What fraction of the cakes will each person get?

There are 3 cakes.

They are shared equally between 10 people.

Each person has $\frac{3}{10}$ of the cake.

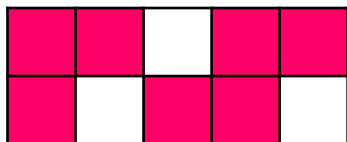
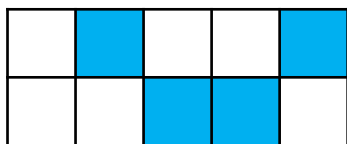
$$3 \div 10 = \frac{3}{10}$$

What fraction would they get if Annie had 5 cakes?





Identify what fraction of each shape is shaded. Match the correct answer to the given model.



Seven less than 9 tenths

One less than 6 tenths

Two more than 6 tenths

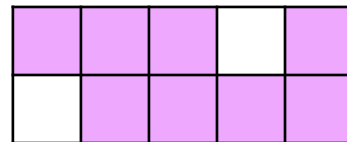
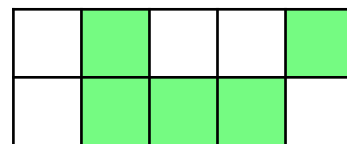
One less than 5 tenths

Two more than 5 tenths

One more than 8 tenths

One less than 7 tenths

Six less than 9 tenths



Answer the questions.



Which two shapes together form five tenths?

Which two shapes together form six tenths?

Which two shapes together form seven tenths?

Which three shapes together form six tenths?

Which three shapes together form nine tenths?

Which three shapes together form ten tenths?



Divide the bar of chocolate between 10 people equally.

Each person has of the bar.

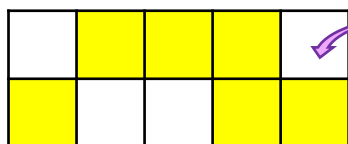
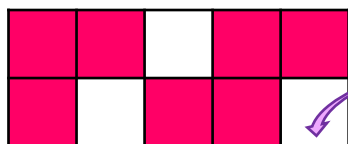
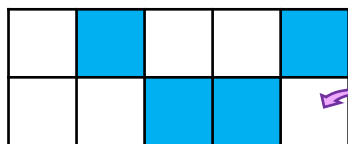
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

How many blocks of chocolate will each person get?

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$



Identify what fraction of each shape is shaded. Match the correct answer to the given model.



Seven less than 9 tenths

One less than 6 tenths

Two more than 6 tenths

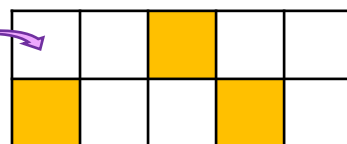
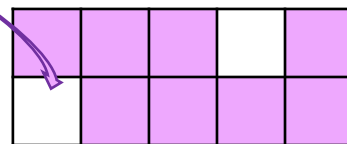
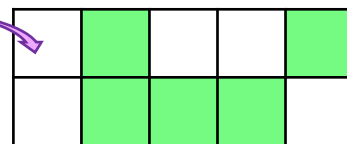
One less than 5 tenths

Two more than 5 tenths

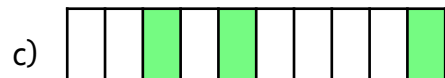
One more than 8 tenths

One less than 7 tenths

Six less than 9 tenths



Answer the questions.



Which two shapes together form five tenths?

(a and d) or (b and c)

Which two shapes together form six tenths?

(a and e) or (b and d)

Which two shapes together form seven tenths?

(a and f), (b and e) or (c and d)

Which three shapes together form six tenths?

(a, b and c)

Which three shapes together form nine tenths?

(a, b and f), (a, c and e) or (b, c and d)

Which three shapes together form ten tenths?

(a, b and g), (a, c and f), (a, d and e)
or (b, c and e)



Divide the bar of chocolate between 10 people equally.

Each person has $\frac{1}{10}$ of the bar.

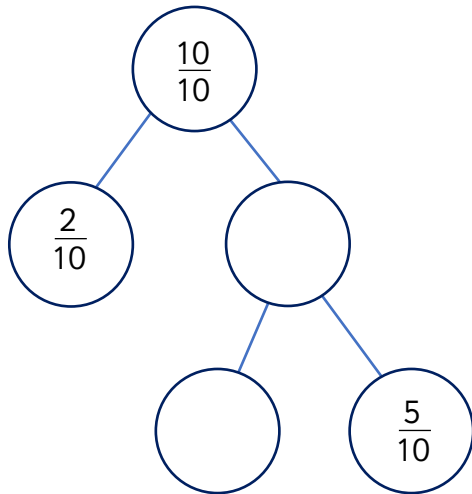
$$1 \div \frac{1}{10} = \frac{10}{1}$$

How many blocks of chocolate will each person get?

$$30 \div 10 = 3$$

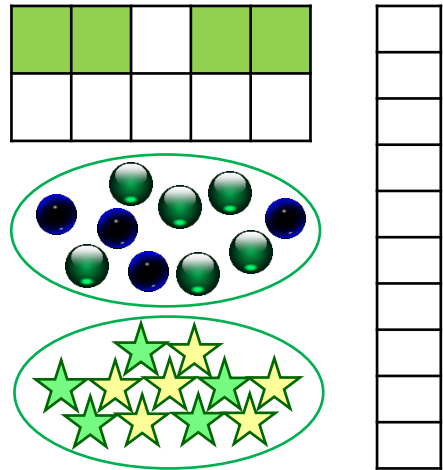
Fill in the missing values.

Explain how you got your answers.



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Odd One Out

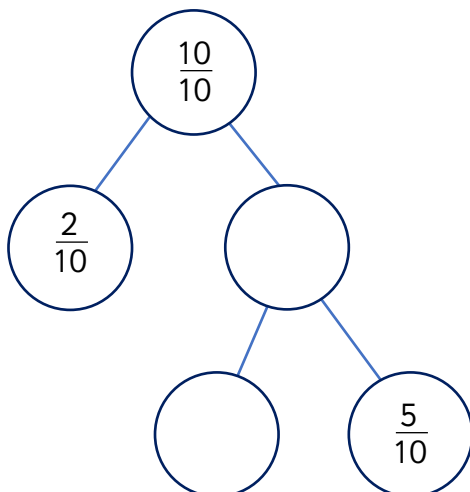


Which is the odd one out?

Explain your answer.

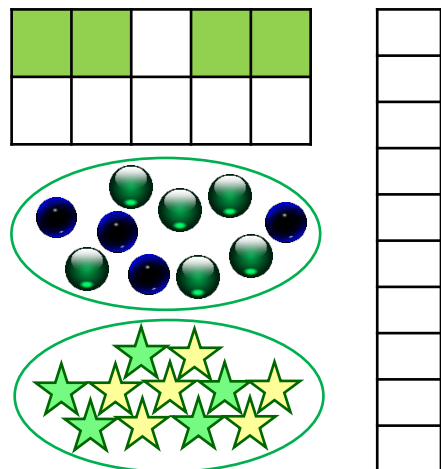
Fill in the missing values.

Explain how you got your answers.



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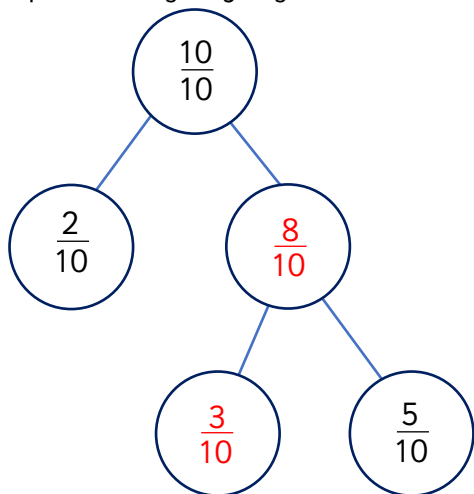
Odd One Out



Which is the odd one out?

Explain your answer.

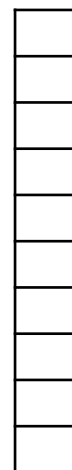
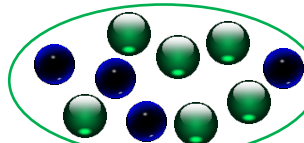
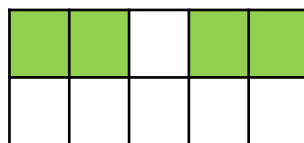
Fill in the missing values.
Explain how you got your answers.



Children could use practical equipment to explain why and how and relate back to the counting stick.

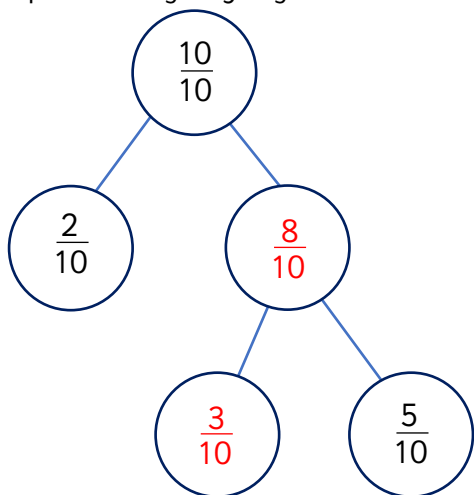
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Odd One Out



Which is the odd one out? Explain your answer.
The stars are the odd one out because they represent 11 or elevenths. All of the other images have a whole which has been split into ten equal parts.

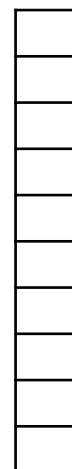
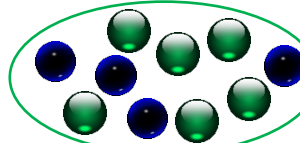
Fill in the missing values.
Explain how you got your answers.



Children could use practical equipment to explain why and how, and relate back to the counting stick.

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Odd One Out



Which is the odd one out? Explain your answer.
The stars are the odd one out because they represent 11 or elevenths. All of the other images have a whole which has been split into ten equal parts.