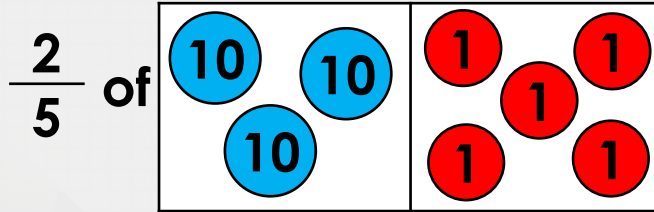


Lesson 4: Fraction of an Amount 3 Additional resource

Introduction - revision

Match the fraction to the answer.



$\frac{1}{8}$ of sixteen

$\frac{3}{4}$ of 24



18

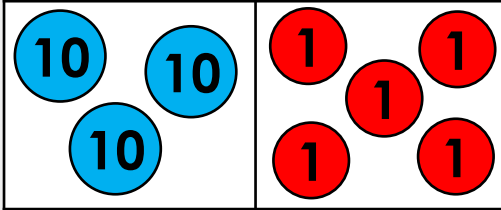
8

two

14

Introduction - revision

Match the fraction to the answer.

$\frac{2}{5}$ of 

$\frac{1}{8}$ of sixteen

$\frac{3}{4}$ of 24

$\frac{2}{3}$ of 

18

8

two

14

Varied Fluency 1

Complete the sentences. A cooler box holds 60L.



Josh fills one fifth of the box with food.

He fills _____ litres.

There are _____ litres left in his box.

Varied Fluency 1

Complete the sentences. A cooler box holds 60L.



Josh fills one fifth of the box with food.

He fills 12 litres.

There are 48 litres left in his box.

Varied Fluency 2

Tara is completing a 60km journey.



She stops after $\frac{4}{10}$ of her journey.

She has driven 40km. True or false?

Varied Fluency 2

Tara is completing a 60km journey.



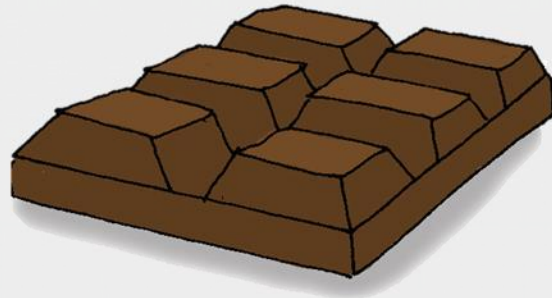
She stops after $\frac{4}{10}$ of her journey.

She has driven 40km. True or false?

False, she has driven 24km.

Varied Fluency 3

Josh has 32g of chocolate. He shares it between his three friends.



How much chocolate does each friend have?
Circle the correct answer.

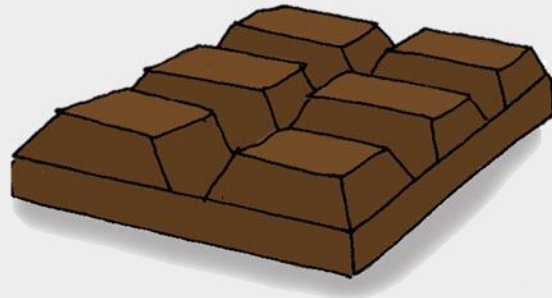
16g

8g

10g

Varied Fluency 3

Josh has 32g of chocolate. He shares it between his three friends.



How much chocolate does each friend have?
Circle the correct answer.

16g

8g

10g

Varied Fluency 4

Add $>$, $<$ or $=$ to make the equation correct.

$$\frac{3}{4} \text{ of } 20\text{m} \quad \square \quad \frac{3}{5} \text{ of } 20\text{m}$$

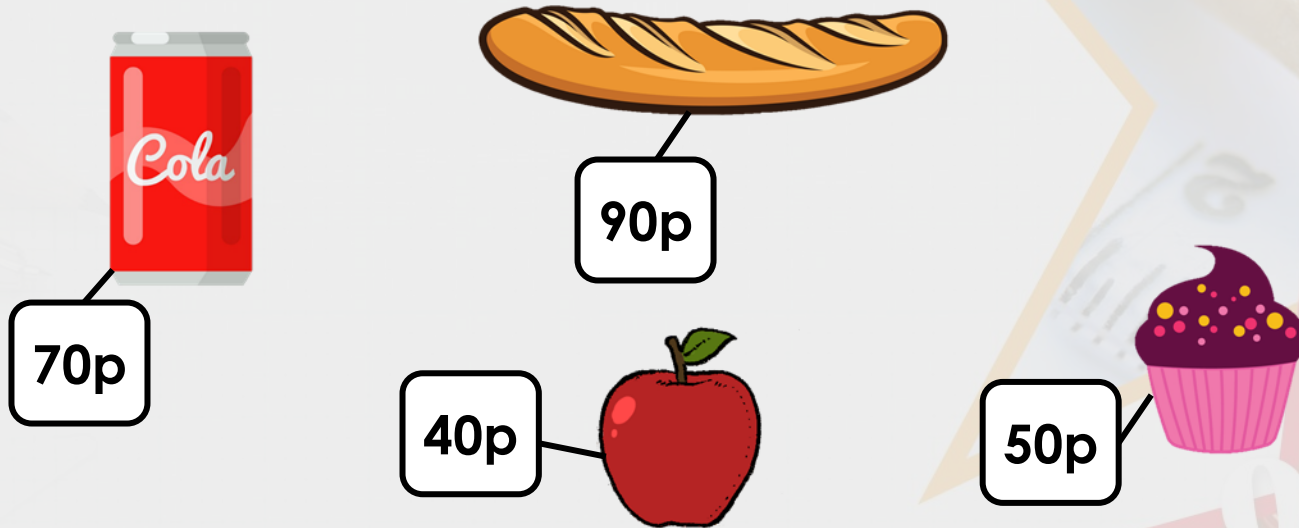
Varied Fluency 4

Add >, < or = to make the equation correct.

$$\frac{3}{4} \text{ of } 20\text{m} \quad \boxed{>} \quad \frac{3}{5} \text{ of } 20\text{m}$$

Problem Solving 1

A shop is having a sale and everything is reduced by $\frac{1}{10}$.

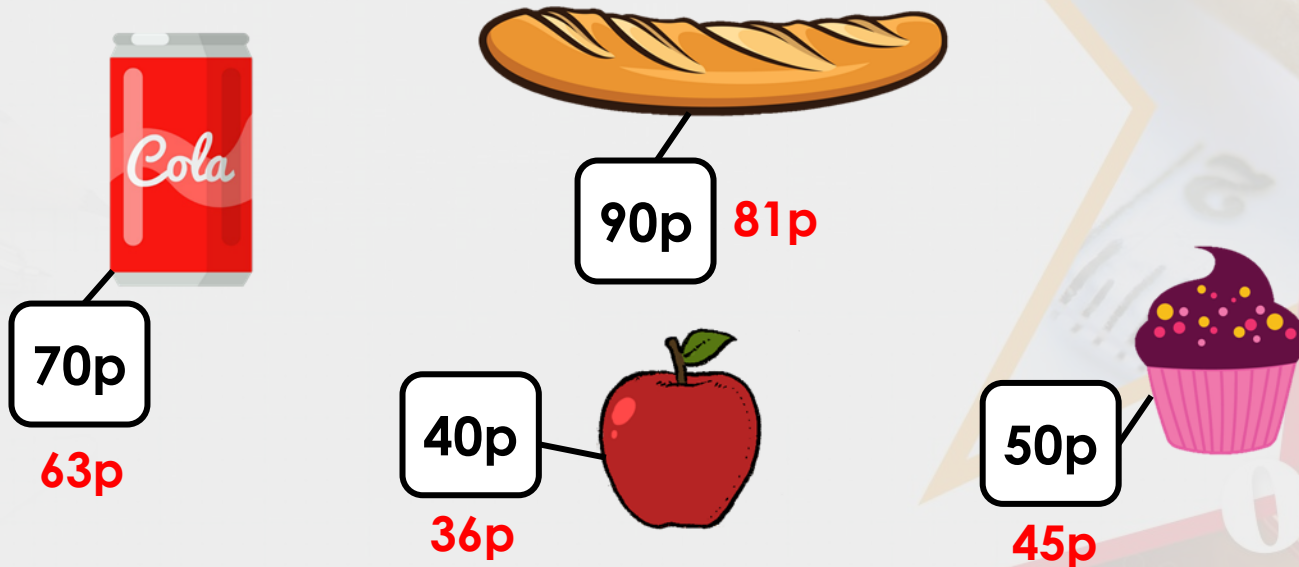


What are the new prices?

Which items can you buy with 99p?

Problem Solving 1

A shop is having a sale and everything is reduced by $\frac{1}{10}$.



What are the new prices?

Which items can you buy with 99p?

You can buy the drink and the apple or the bun and the apple.

Reasoning 1

Each child throws a ball on a court 24m long.
Tara thinks she threw the ball the farthest.



Tara

I threw the ball $\frac{3}{8}$ of the
court.



Sam

The ball went $\frac{2}{3}$ of the
way across the court.

Is she correct? Explain why.

Reasoning 1

Each child throws a ball on a court 24m long.
Tara thinks she threw the ball the farthest.



Tara

I threw the ball $\frac{3}{8}$ of the
court.



Sam

The ball went $\frac{2}{3}$ of the
way across the court.

Is she correct? Explain why.

Tara is not correct because...

Reasoning 1

Each child throws a ball on a court 24m long.
Tara thinks she threw the ball the farthest.



Tara

I threw the ball $\frac{3}{8}$ of the
court.



Sam

The ball went $\frac{2}{3}$ of the
way across the court.

Is she correct? Explain why.

Tara is not correct because she has thrown the ball 9m and Sam has thrown the ball 16m. Sam threw the ball the farthest.

Reasoning 2

Read the statements below:

A. $\frac{3}{8}$ of £48 is £18

B. $\frac{3}{8}$ of £48 is £16

Which is correct? Convince me.

Reasoning 2

Read the statements below:

A. $\frac{3}{8}$ of £48 is £18

B. $\frac{3}{8}$ of £48 is £16

Which is correct? Convince me.

A is correct because...

Reasoning 2

Read the statements below:

A. $\frac{3}{8}$ of £48 is £18

B. $\frac{3}{8}$ of £48 is £16

Which is correct? Convince me.

A is correct because $48 \div 8 = 6$ and $6 \times 3 = 18$.