

Match the number stories to the correct calculations.

Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{4}{8}$. How much do they eat altogether?	$\frac{7}{8} + \frac{3}{8} = -$
Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{4}{8}$ less. How much do they eat altogether?	$\frac{7}{8} + \frac{4}{8} = -$
Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{3}{8}$ less. How much does Dora eat?	$\frac{7}{8} - \frac{3}{8} = -$

How many different ways can you find to solve the calculation?

$$\frac{\square}{7} - \frac{3}{7} = \frac{\square}{7} + \frac{\square}{7}$$

$$\frac{\square}{7} - \frac{3}{7} = \frac{\square}{7} - \frac{\square}{7}$$

Dora is subtracting a fraction from a whole.

$$5 - \frac{3}{7} = \frac{2}{7}$$



Can you spot her mistake?

What should the answer be?

How many ways can you make the statement correct?

$$2 - \frac{\square}{8} = \frac{5}{8} + \frac{\square}{8}$$

Whitney has a piece of ribbon that is 3 metres long.

She cuts it into 12 equal pieces and gives Teddy 3 pieces.

How many metres of ribbon does Whitney have left?

Whitney has 12 chocolates.



On Friday, she ate $\frac{1}{4}$ of her chocolates and gave one to her mum.

On Saturday, she ate $\frac{1}{2}$ of her remaining chocolates, and gave one to her brother.

On Sunday, she ate $\frac{1}{3}$ of her remaining chocolates.

How many chocolates does Whitney have left?

Ron has £28

On Friday, he spent $\frac{1}{4}$ of his money.

On Saturday, he spent $\frac{2}{3}$ of his remaining money and gave £2 to his sister.

On Sunday, he spent $\frac{1}{5}$ of his remaining money.

How much money does Ron have left?

What fraction of his original amount is this?

True or False?

To find $\frac{3}{8}$ of a number, divide by 3 and multiply by 8



Convince me.

Match the number stories to the correct calculations.

Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{4}{8}$. How much do they eat altogether?	$\frac{7}{8} + \frac{3}{8} = -$
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Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{3}{8}$ less. How much does Dora eat?	$\frac{7}{8} - \frac{3}{8} = -$

How many different ways can you find to solve the calculation?


$$\frac{\square}{7} - \frac{3}{7} = \frac{\square}{7} + \frac{\square}{7}$$

$$\frac{\square}{7} - \frac{3}{7} = \frac{\square}{7} - \frac{\square}{7}$$

1st question matches with second calculation.
2nd question with first calculation.
3rd question with third calculation.

Children may give a range of answers as long as the calculation for the numerators is correct.

Dora is subtracting a fraction from a whole.

$$5 - \frac{3}{7} = \frac{2}{7}$$


Can you spot her mistake?

What should the answer be?

How many ways can you make the statement correct?

$$2 - \frac{\square}{8} = \frac{5}{8} + \frac{\square}{8}$$

Dora has not recognised that 5 is equivalent to $\frac{35}{7}$
 $5 - \frac{3}{7} = \frac{33}{7} = 4\frac{5}{7}$

Lots of possible responses.

e.g.

$$2 - \frac{1}{8} = \frac{5}{8} + \frac{10}{8}$$

$$2 - \frac{7}{8} = \frac{5}{8} + \frac{4}{8}$$

$$2 - \frac{9}{8} = \frac{5}{8} + \frac{2}{8}$$

Whitney has a piece of ribbon that is 3 metres long.

She cuts it into 12 equal pieces and gives Teddy 3 pieces.

How many metres of ribbon does Whitney have left?

Cutting 3 metres of ribbon into 12 pieces means each metre of ribbon will be in 4 equal pieces.

Whitney will have $\frac{12}{4}$ to begin with.

$$\frac{12}{4} - \frac{3}{4} = \frac{9}{4} = 2\frac{1}{4}$$

Whitney has $2\frac{1}{4}$ metres of ribbon left.

Whitney has 12 chocolates.



On Friday, she ate $\frac{1}{4}$ of her chocolates and gave one to her mum.

On Saturday, she ate $\frac{1}{2}$ of her remaining chocolates, and gave one to her brother.

On Sunday, she ate $\frac{1}{3}$ of her remaining chocolates.

How many chocolates does Whitney have left?

Whitney has two chocolates left.

Ron has £28

On Friday, he spent $\frac{1}{4}$ of his money.

On Saturday, he spent $\frac{2}{3}$ of his remaining money and gave £2 to his sister.

On Sunday, he spent $\frac{1}{5}$ of his remaining money.

How much money does Ron have left?

What fraction of his original amount is this?

Ron has £4 left.

This is $\frac{1}{7}$ of his original amount.

True or False?

To find $\frac{3}{8}$ of a number, divide by 3 and multiply by 8



Convince me.

False.
Divide the whole by 8 to find one eighth and then multiply by three to find three eighths of a number.

