

Becky's mum ordered a pizza for her and her friends.



By the time they arrived home there was only  $\frac{3}{4}$  of it left.

When she shared it among her friends they each got  $\frac{1}{4}$

How many friends did Becky have with her?

---

Eva lit a candle while she had a bath.

After her bath,  $\frac{2}{5}$  of the candle was left.

It measured 13 cm.

Eva says:



Before my bath  
the candle  
measured 33 cm

Is she correct?

Explain your reasoning.

Nancy is double her sister's age.

They are both older than 20 but younger than 50

Their ages are both multiples of 7

Work out their ages.

---

A train starts running from Leeds to York at 7am.

The last train leaves at midnight.

Platform 1 has a train leaving from it every 12 minutes.

Platform 2 has one leaving from it every 5 minutes.

How many times in the day would there be a train leaving from both platforms at the same time?