Fluency	Reasoning	Problem Solving

Fluency

- Use <, > or = to complete the statements below
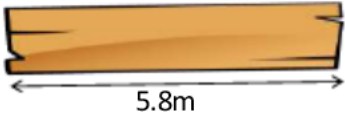
  750g ◯ 0.8kg

  500ml ◯ Half a litre

  17mm ◯ 2cm − 5mm

- True or false?
  1000m = 1km
  1000cm = 1m
  1000ml = 1l
  1000g = 1kg

- Bryan is 2.68m tall.
  He is 99cm taller than his sister.
  How tall is his sister?
  Give your answer in centimetres.

Reasoning

- Adam makes 2.5 litres of lemonade for a charity event. He pours it into 650ml glasses to sell.
  He thinks he can sell 7 glasses.
  Is he correct?
  Prove it.

- A 5p coin has a thickness of 1.6mm

  Jake makes a tower of 5p coins worth 90p.
  What is the height of the coins in cm?

- Laura buys 3500g of potatoes and 1500g of carrots.

  78p per kg   £1.46 per kg

  She pays with a £20 note.
  How much change does she get?

Problem Solving

- A plank of wood is 5.8m long.

  5.8m

  Two lengths are cut from the wood.

  175cm $3\frac{4}{5}$ m

  How much wood is left?

- Cola is sold in bottles and cans.

  COLA 330ml 48p   1.25 litres £1.59

  Yasmin buys 5 cans and 3 bottles.
  She sells the cola in 100ml glasses.

  She sells all the cola.
  How many glasses does she sell?