Fluency	Reasoning	Problem Solving

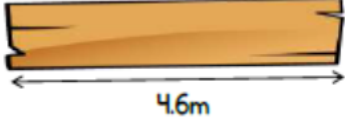**Fluency**

- Complete the statements:

100cm = _____m
1km = _____m
1500ml = _____l
3.5kg = _____g

- Use the word and number cards to complete the statements.

To change from cm to mm _____ by __
To change from kg to g _____ by ____
To change from ml to l _____ by ____

| multiply | 10 | 100 |

| divide | 1000 |

- Are these statements true or false?
  1000m = 1km
  1000cm = 1m
  1000ml = 1l
  1000g = 1kg
  1000mg = 1g

Reasoning

- The answer is 475 metres.
  What could the question be?

- Hamid says 'To convert kilometres to metres, add three zeros' on to the end of the number.'
  E.g 2km=2000m

  Do you agree with Hamid?
  Explain why.

- Laura is 2.72m tall.
  She is 59cm taller than her sister.
  How tall is her sister?
  Give your answer in centimetres.

- Put these amounts in order starting with the largest.

  Half of 5 litres
  Quarter of 8 litres
  700 ml

  Explain your thinking.

Problem Solving

- A plank of wood is 4.6m long.

4.6m

Two lengths are cut from the wood.

| 350cm | $2\frac{1}{4}$ m |

How much wood is left?

- James and Sita do a sponsored walk for charity.
  They walk 1.2km altogether.
  James walks double the amount that Sita walks.
  How far does Sita walk?

  They each raise 75p for every 100m they walk.
  How much money do they each make?

  James _____   Sita _____