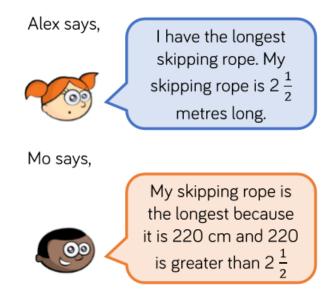<u>Can I recognise equivalent lengths (m & cm)? (Y3)</u>

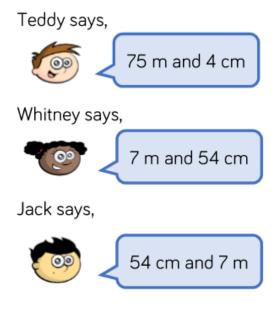Reasoning and problem solving

This page does not need to be printed. In your book, write the short date you do the work and the above question, underlining them neatly with a ruler.

1) Mo and Alex each have a skipping rope.

Alex says,

> I have the longest skipping rope. My skipping rope is $2\frac{1}{2}$ metres long.

Mo says,

> My skipping rope is the longest because it is 220 cm and 220 is greater than $2\frac{1}{2}$

Who is correct?
Explain your answer.

2) Three children are partitioning 754 cm

Teddy says,

> 75 m and 4 cm

Whitney says,

> 7 m and 54 cm

Jack says,

> 54 cm and 7 m

Who is correct?
Explain why.

Answers are on the next page.

Equivalent Lengths – m & cm

Reasoning and Problem Solving

Mo and Alex each have a skipping rope.

Alex says,

> I have the longest skipping rope. My skipping rope is $2\frac{1}{2}$ metres long.

Mo says,

> My skipping rope is the longest because it is 220 cm and 220 is greater than $2\frac{1}{2}$

Who is correct?
Explain your answer.

Alex is correct because her skipping rope is 250 cm long which is 30 cm more than 220 cm.

Three children are partitioning 754 cm

Teddy says,

> 75 m and 4 cm

Whitney says,

> 7 m and 54 cm

Jack says,

> 54 cm and 7 m

Who is correct?
Explain why.

Whitney and Jack are both correct. Teddy has incorrectly converted from cm to m when partitioning.