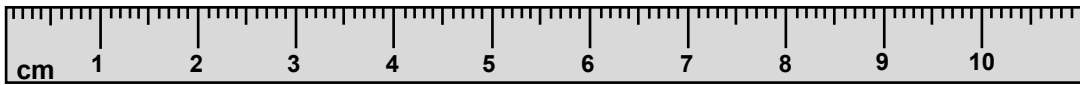# Measure and compare lengths

Grade 5 Measurement Worksheet

Note: 1 in = 2.54 cm   ;   1 m = 39.37 in

Item A:

Item B:

Item C:

1. Write down the measurement of each item.

   Item A: _____   Item B: _____   Item C: _____

2. Convert all the measurements into inches. Then, rank the items from shortest to longest by writing 1-3.

   Item A: _____   Item B: _____   Item C: _____

3. Now convert all the measurements into centimeters. Then, rank them again.

   Item A: _____   Item B: _____   Item C: _____

4. Did you get the same ranking? Why?

   _____

Answers

1. Write down the measurement of each item.

   Item A: 5 in   Item B: 5.1 cm   Item C: 2.5 m

2. Convert all the measurements into inches. Then, rank the items from shortest to longest by writing 1-3.

   Item A: 5 in   Item B: 2 in   Item C: 98.4 in

   (2nd)   (1st)   (3rd)

3. Now convert all the measurements into centimeters. Then, rank them again.

   Item A: 12.7 cm   Item B: 5.1 cm   Item C: 250 cm

   (2nd)   (1st)   (3rd)

4. Did you get the same ranking? Why? Yes, the longest item is still the longest and the shortest is still the shortest, regardless of what units you measure them with.