

Answers - Year 5 – measurement

Lesson 1 – converting between MM and CM

Challenge 1

Convert these measurements.

MM to CM:

- a) 50 = 5cm
- b) 70 = 7cm
- c) 90 = 9cm
- d) 110 = 11cm
- e) 150 = 15cm

CM to MM:

- f) 6 = 60mm
- g) 2 = 20mm
- h) 13 = 130mm
- i) 19 = 190mm
- j) 24 = 240mm

Challenge 2

Put < > or = in between the two measurements that you have been given. Convert one of the sides to either MM or CM to help you convert.

MM	Comparison	CM
47	=	4.7
39	>	3.1
107	<	10.7
621	>	60
78	<	83
119	>	9.1

Challenge 3

Order these measurements in ascending order.

43mm	107mm	10.9cm	4.6cm	13.6cm
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43mm, 4.6cm, 107mm, 10.9cm, 13.6cm

82.3cm	820mm	8cm	81cm	801mm
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8cm, 801mm, 81cm, 820mm, 82.3cm

Order these measurements in descending order.

79mm	7.6cm	709mm	0.7cm	70cm
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70cm, 709mm, 79mm, 7.6cm, 0.7cm

21mm	201mm	20.5cm	102mm	10.7cm
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20.5cm, 201mm, 10.7cm, 102mm, 21mm