

Converting Units - Lengths

Literacy

Length

Conversion

Millimetre

Centimetre

Research

What is the difference between an 'imperial' and a 'metric' unit of measurement?

Do all countries use the same units of measurement?

Memory

1 cm = 10 mm

1 m = 100 cm

1 km = 1000 m

Fluency

i. 5 cm = _____ mm

ii. 9.5 cm = _____ mm

iii. 73 mm = _____ cm

iv. 6 m = _____ cm

v. 320 cm = _____ m

vi. 4670 m = _____ km

vii. 391 km = _____ m

Reasoning

Are the following number sentences true or false? Why do you think true/false?

$$0.3 \text{ m} > 30 \text{ cm}$$

$$7006 \text{ m} < 7.6 \text{ km}$$

$$800 \text{ mm} = 8 \text{ m}$$

Problem Solving

Clara is wrapping presents in ribbon. She has 4 m of ribbon. Each present needs 30 cm of ribbon. What is the maximum number of presents she can wrap in ribbon?

Converting Units - Lengths

Literacy

Length

Conversion

Millimetre

Centimetre

Research

What is the difference between an 'imperial' and a 'metric' unit of measurement?

Do all countries use the same units of measurement?

Memory

1 cm = 10 mm

1 m = 100 cm

1 km = 1000 m

Fluency

i. 5 cm = 50 mm

ii. 9.5 cm = 95 mm

iii. 73 mm = 7.3 cm

iv. 6 m = 600 cm

v. 320 cm = 3.2 m

vi. 4670 m = 4.67 km

vii. 391 km = 0.391 m

Reasoning

Are the following number sentences true or false? Why do you think true/false?

0.3 m > 30 cm FALSE

7006 m < 7.6 km TRUE

800 mm = 8 m FALSE

Problem Solving

Clara is wrapping presents in ribbon. She has 4 m of ribbon. Each present needs 30 cm of ribbon. What is the maximum number of presents she can wrap in ribbon?

4 m = 400 cm

$400 \div 30 = 13.33333\dots$

Therefore, the maximum number of presents that can be wrapped in ribbon is 13.