

Length and Perimeter

Knowledge Organiser

Key Vocabulary

metre (m)

centimetre (cm)

millimetre (mm)

height

length

width

perimeter

further/furthest

higher/highest

longer/longest

shorter/shortest

taller/tallest

Measure Length

5mm

5cm

10mm = 1cm

4cm 6mm

38mm

Equivalent Length

100 centimetres = 1 metre

10 millimetres = 1 centimetre

÷10

×10

÷100

×100

Millimetres (mm)

Centimetres (cm)

Metres (m)

317cm

300cm 17cm

3m 17cm

Pre-teach poster

Year 5

Spring 1



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Compare Lengths

6mm < 6cm

6cm = 60mm

6mm is shorter than 6cm

320cm > 2m 6cm

320cm > 200cm + 60cm

320cm is longer than 2m 60cm

98mm < 12cm 3mm

98mm < 120mm + 3mm

98mm is shorter than 12cm 3mm

Add and Subtract Lengths

14cm + 19cm = 33cm

8cm 2mm + 16mm = 98mm or 9cm 8mm

?

8cm 2mm 16mm

82mm 16mm

6m - 2m 28cm

6m - 2m = 4m

4m - 28cm = 3m 72cm

6m

2m 28cm ?

Perimeter

..... = perimeter

5cm

2cm

5cm

2cm

5cm + 2cm + 5cm + 2cm = 14cm

3cm

3cm

3cm

3cm

3cm

3cm + 3cm + 3cm + 3cm + 3cm = 15cm

perimeter = 20cm

6cm + 6cm = 12cm

20cm - 12cm = 8cm

8cm ÷ 2cm = 4cm

?

6cm

Writing

Vocabulary: wicked, gnarled skin, warty, witch, ancient, crab claw, glowed, cruel, enchantments, mischief, suffering, grief, uglier, dim, clouded

Skill: Using figurative language

Use the QR code to find out more about biographies.

Reading

Vocabulary: magical, wonder, fairy tale, theme, convention, plot, villain, hero, heroine, witch, evil, prince, protagonist, resolution

Skill: Identifying themes and conventions

Use the QR code to watch a version of Roald Dahl's The Witches.