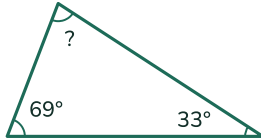


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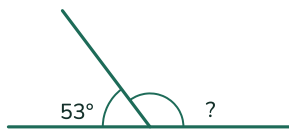
Part A • Angles



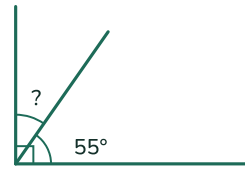
01 Find the missing angle = _____



02 Find the missing angle = _____



03 Find the missing angle = _____



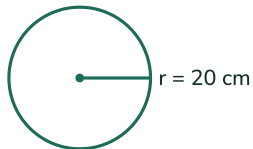
04 Find the missing angle = _____

Part B • Circles: Area & Circumference

Find each measurement. Use $\pi \approx 3.14$.

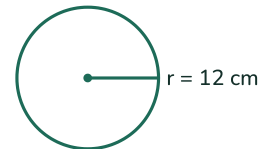
05

Circumference =



Answer: _____

06 Area =



Answer: _____

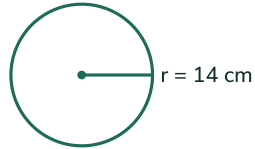


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Part B · Circles: Area & Circumference (continued)

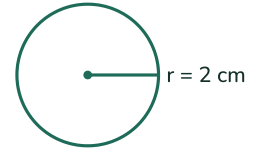
07

Circumference =



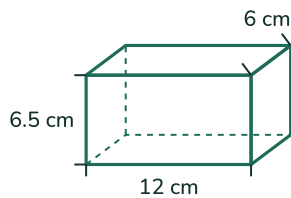
Answer: _____

08 Area =

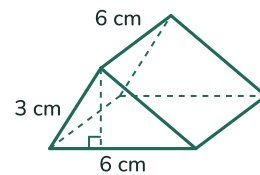


Answer: _____

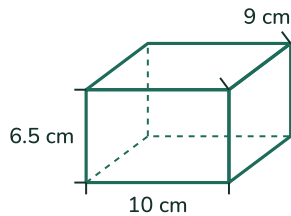
Part C · Volume



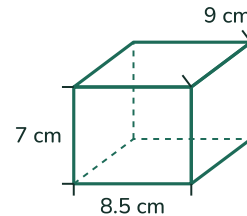
09 Find the volume =



10 Volume of the triangular prism =



11 Find the volume =



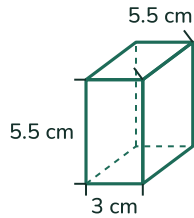
12 Find the volume =



Grade 7 Geometry & Measurement Unit Test

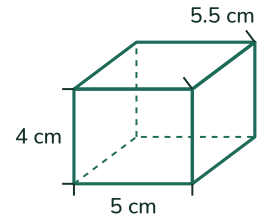
Part D · Surface Area

13 Find the surface area =



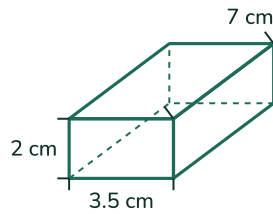
Answer: _____

14 Find the surface area =



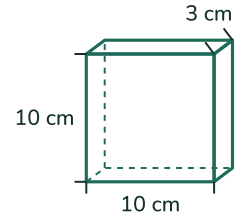
Answer: _____

15 Find the surface area =



Answer: _____

16 Find the surface area =



Answer: _____

Part E · Unit Conversion

17 Convert 20000 mL to L = _____

18 Convert 18 m to cm = _____

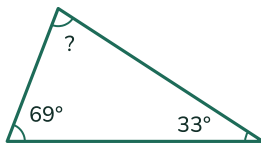
19 Convert 1073 cm to m = _____

20 Convert 13.04 g to mg = _____



Grade 7 Geometry & Measurement Unit Test (Answer Key)

Part A • Angles



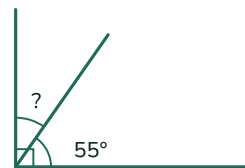
01 Find the missing angle = **78°**



02 Find the missing angle = **37°**



03 Find the missing angle = **127°**



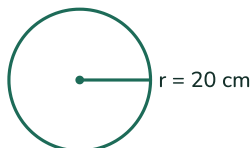
04 Find the missing angle = **35°**

Part B • Circles: Area & Circumference

Find each measurement. Use $\pi \approx 3.14$.

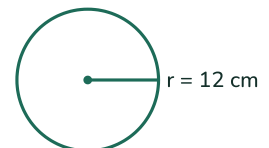
05

Circumference =



125.6 cm

06 Area =



452.16 cm²

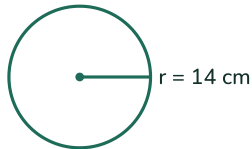


Grade 7 Geometry & Measurement Unit Test (Answer Key)

Part B • Circles: Area & Circumference (continued)

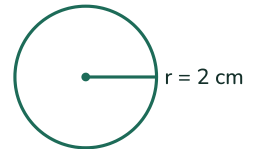
07

Circumference =

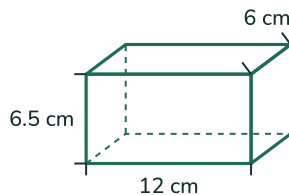
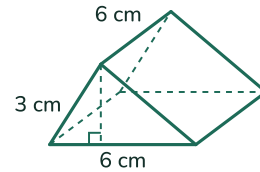
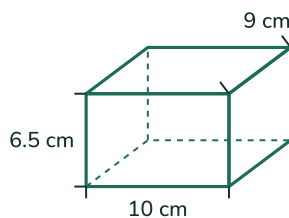
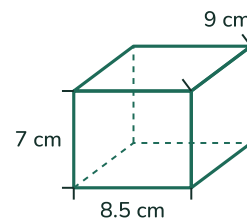


87.92 cm

08 Area =

12.56 cm²

Part C • Volume

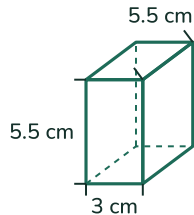
09 Find the volume = 468 cm³10 Volume of the triangular prism = 54 cm³11 Find the volume = 585 cm³12 Find the volume = 535.5 cm³



Grade 7 Geometry & Measurement Unit Test (Answer Key)

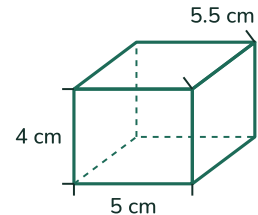
Part D • Surface Area

13 Find the surface area =



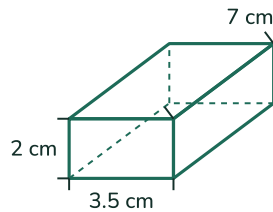
126.5 cm²

14 Find the surface area =



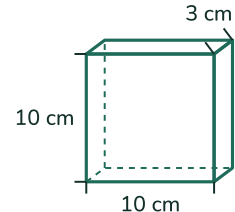
139 cm²

15 Find the surface area =



91 cm²

16 Find the surface area =



320 cm²

Part E • Unit Conversion

17 Convert 20000 mL to L = **20 L**

18 Convert 18 m to cm = **1800 cm**

19 Convert 1073 cm to m = **10.73 m**

20 Convert 13.04 g to mg =
13040 mg