

ERRATA

Mathematics for Australia 6

2015 First Edition - first reprint

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page 330 **CHAPTER 15**, demo icon removed (no longer supported).



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Mathematics for Australia 6

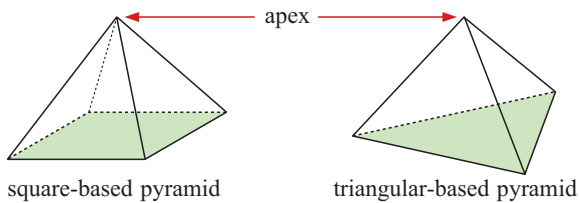
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page 84 CHAPTER 4, pyramids and cones come to a point at the **apex**:

PYRAMIDS

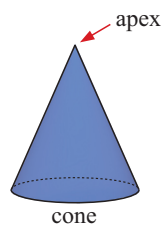
A **pyramid** is a solid with a polygon base. It has triangular faces which come from its base to meet at a point called the **apex**.

Pyramids are named according to the shape of their base.

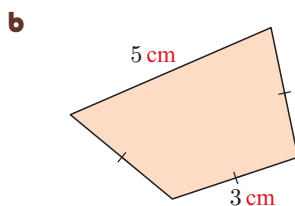


CONES

A **cone** is a solid with a circular base and a curved surface from the base to the apex.



page 170 CHAPTER 8 EXAMPLE 4, part **b** should use cm for the units of measurement:



PRACTICE TEST 8A, should include diagrams:

See last page.

page 220 CHAPTER 10 EXERCISE 10D.2, question **5** should refer to a diver:

- 5** A seagull is flying 5 metres above sea level, a kayaker is paddling at sea level, a **diver** is swimming 2 metres below sea level, and a dolphin is 6 metres below sea level.

page 221 CHAPTER 10 EXERCISE 10D.2, question **6** should ask for integers:

- 6** Write the following statements using **integers**, and calculate the resulting quantity:

page 342 ANSWERS EXERCISE 1A.2, Question 1 h should read:

- 1 a 86 b 674 c 9638 d 50 240
e 27 003 f 500 375 g 73 298 h 809 302

page 342 ANSWERS EXERCISE 1B.1, Question 5 h should read:

- 5 g correct h
$$\begin{array}{r} 1\ 10\ 15 \\ 3\ 2\ 1\ 8 \\ -\ 3\ 1\ 8\ 6 \\ \hline 2\ 9 \end{array}$$

page 344 ANSWERS EXERCISE 2B, Question 8 a i should read:

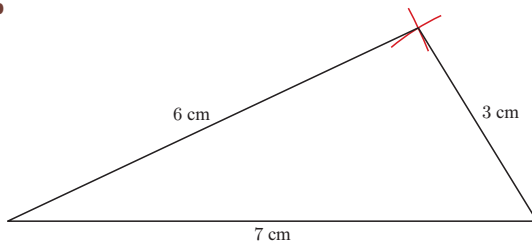
- 8 a i $\widehat{ABC} = 40^\circ$, $\widehat{XYZ} = 28^\circ$ ii \widehat{ABC}

page 346 ANSWERS PRACTICE TEST 3B, question 5 should include:

- 5 2, 4, 24 (or 2, 6, 22 or 2, 8, 20 or 2, 10, 18
or 2, 12, 16 or 4, 6, 20 or 4, 8, 18
or 4, 10, 16 or 4, 12, 14 or 6, 8, 16
or 6, 10, 14 or 8, 10, 12)

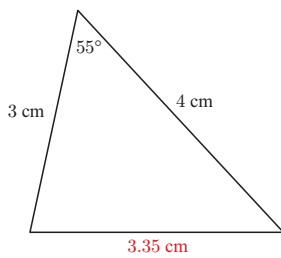
page 347 ANSWERS EXERCISE 4B, questions 4 b and 6 should be:

4 b

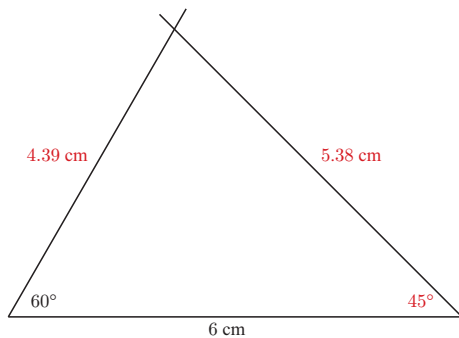


(6 cm side should be 6 cm instead of 5 cm)

6 a



b



(48° angle should be 45°, this changes the red side measurements)

page 348 ANSWERS EXERCISE 4C, question 3 f should read:

- 3** a square b trapezium c rhombus
d rectangle e kite f trapezium
g parallelogram h square

page 354 ANSWERS EXERCISE 6H, Question 3 e should drop the unnecessary 0:

- 3** a 21.7 b 39.9 c 172.2 d 32.66 e 29.2
f 182

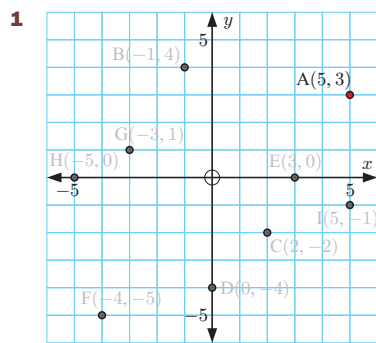
page 354 ANSWERS EXERCISE 7A, Question 3 c should read:

- 3** a 1910 b Elizabeth II c 9 years

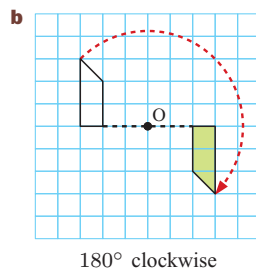
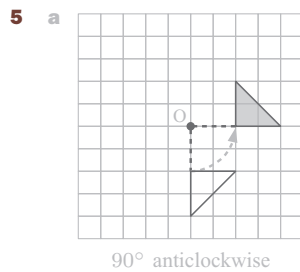
page 354 ANSWERS EXERCISE 7D, Question 4 should read:

- 4** a 60 minutes or more is not possible.
b 0713 hours is correct.
c 2400 hours or more is not possible.

page 363 ANSWERS EXERCISE 13D, Question 1 should have A coordinate placed in the correct position:



page 371 ANSWERS PRACTICE TEST 15B, Question 5 b should be:



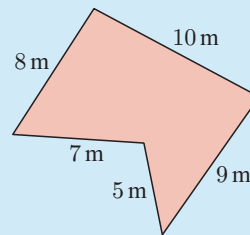
Practice test 8A

Multiple Choice

- 1 2.3 m, written in centimetres, is:
A 0.0023 cm **B** 23 cm **C** 230 cm **D** 2300 cm **E** 23 000 cm

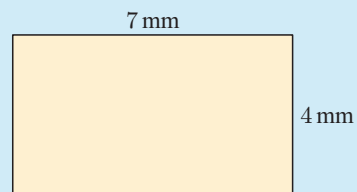
- 2 Which of the following is most likely to have an area of 8 m^2 ?
A a credit card **B** a trampoline **C** a hockey pitch
D a small country **E** a photograph

- 3 The perimeter of this figure is:
A 39 m **B** 34 m **C** 38 m
D 49 m **E** 44 m



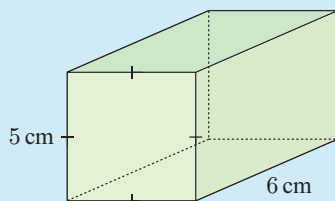
- 4 The volume of a birthday cake is most likely to be:
A 9 mm^3 **B** 90 cm^3 **C** 9000 cm^3 **D** 9 m^3 **E** 9000 m^3
- 5 What is the sum of 3 km, 206 m, and 90 cm?
A 3206.09 m **B** 3026.9 m **C** 3026.09 m **D** 506.9 m **E** 3206.9 m

- 6 The area of this rectangle is:
A 14 mm^2 **B** 28 cm^2 **C** 35 mm^2
D 28 mm^2 **E** 22 mm



- 7 5260 L, written in kilolitres, is:
A 526 kL **B** 5 260 000 kL **C** 0.526 kL
D 5.26 kL **E** 0.0526 kL
- 8 Martin buys 750 g of apples costing \$4 per kilogram. How much does Martin pay for the apples?
A \$2.50 **B** \$3 **C** \$3.50 **D** \$4 **E** \$4.50

9



The volume of this rectangular prism is:

- A** 125 cm^3 **B** 150 cm^3
C 180 cm^3 **D** 250 cm^3
E 300 cm^3
- 10 Jasmine bought eight 600 mL bottles of water. How many litres of water did she buy?
A 4800 L **B** 3.2 L **C** 48 L **D** 0.32 L **E** 4.8 L