

ERRATA

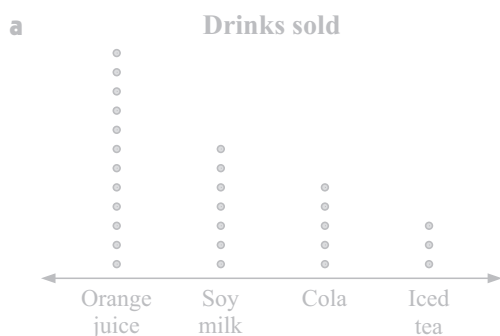
MATHEMATICS FOR AUSTRALIA 6

(2nd edition)

Second edition - 2020 initial print

The following erratum was made on 30/Oct/2024

page 315 **CHAPTER 17 EXAMPLE 2** Solution to **c** should read:



b The mode is orange juice.

c In total, 27 drinks were bought.

The fraction that were soy milk = $\frac{6}{27}$.

The following erratum was made on 08/Mar/2024

page 66 **SECTION 4E** First line of section should read:

One whole number is **divisible** by another if, when we divide, the quotient is a whole number.

The following errata were made on 04/Oct/2023

page 70 SECTION 4H First 6 lines of section should read:

A **prime** number is a **counting** number which has exactly two different factors, 1 and itself.
A **composite** number is a **counting** number which has more than two factors.

For example:

- 5 is a prime number because its only factors are 1 and 5.
- 6 is a composite number because it has four factors: 1, 2, 3, and 6.

Every **counting** number greater than 1 is either prime or composite.

page 120 CHAPTER 6 EXAMPLE 15 Third line of solution should read:

$$= \frac{5}{4} + \frac{5 \times 2}{2 \times 2} \quad \{\text{writing } \frac{5}{2} \text{ with denominator } 4\}$$

page 146 CHAPTER 7 EXAMPLE 20 Solution to **b** should read:

Example 20	Self Tutor
Find:	
a $6.3 \div 5$	b $3.5 \div 4$
a $\begin{array}{r} 1.26 \\ 5 \overline{) 6.30} \\ \underline{5} \\ 13 \\ \underline{10} \\ 30 \\ \underline{30} \\ 0 \end{array}$$6.3 \div 5 = 1.26$	b $\begin{array}{r} 0.875 \\ 4 \overline{) 3.500} \\ \underline{3} \\ 5 \\ \underline{4} \\ 10 \\ \underline{8} \\ 20 \\ \underline{20} \\ 0 \end{array}$$3.5 \div 4 = 0.875$

The following erratum was made on 17/Apr/2023

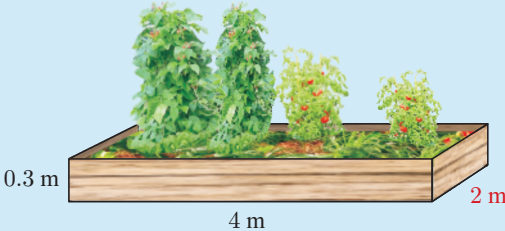
page 180 CHAPTER 10 OPENING PROBLEM Dimensions on the diagram should match the text:

Opening problem

Peter is building a raised garden bed for his son's primary school. The garden bed will be 4 m long, 2 m wide, and 0.3 m high.

Things to think about:

- a** What *area* of weed mat is needed to cover the base of the garden bed?
- b** What *volume* of soil is needed to fill the garden bed?
- c** Peter buys soil in bags with *capacity* 20 litres. How many bags of soil will Peter need to fill the garden bed?



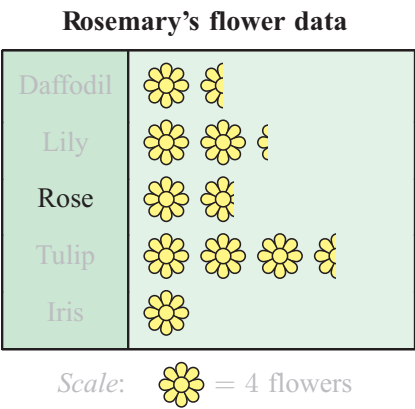
Each picture in a pictograph represents a particular number of objects.

We use whole pictures and fractions of pictures to illustrate the frequency of each category.

The pictograph for Rosemary’s flower data in **Example 1** is shown alongside.

The **scale** tells us that each whole picture represents 4 flowers.

Notice how fractions of pictures are used to represent 1, 2, or 3 flowers.



The following errata were made on 28/Apr/2021

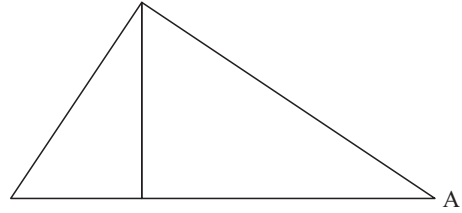
page 47 **EXERCISE 3B** Question **4** diagram should be:

4 Copy this figure into your book.

a Label vertices B, C, and D such that:

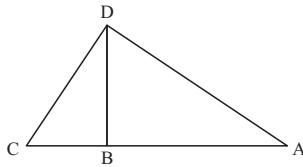
- $\widehat{ADC}$ is a right angle
- there is a straight angle at B.

b Name *two* other right angles in the figure.



page 358 **ANSWERS EXERCISE 3B** Question **4 a** diagram should be right angled at D:

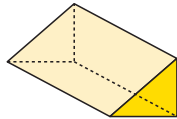
4 a



b $\widehat{ABD}$ and $\widehat{CBD}$

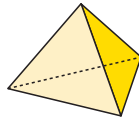
page 362 **ANSWERS EXERCISE 5F** Question **2** diagrams should include labels:

2 a



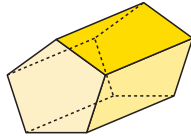
triangular prism

b



triangular-based pyramid

c



pentagonal prism

page 367 **ANSWERS EXERCISE 7A** Question **8 g** should read:

8 a 5 thousandths or $\frac{5}{1000}$

b 5 hundreds or 500

c 5 tenths or $\frac{5}{10}$

d 5 hundredths or $\frac{5}{100}$

e 5 thousands or 5000

f 5 units or 5

g 5 hundredths or $\frac{5}{100}$

h 5 thousandths or $\frac{5}{1000}$

page 370 **ANSWERS EXERCISE 10A** Question **3** should read:

3 a 45 tiles **b** 2.25 m² **c** \$99

page 381 **ANSWERS EXERCISE 17A** Question **3 d** should read:

3 a

Animal	Tally	Frequency
Shark (Sh)		8
Seahorse (Se)		4
Dolphin (D)		11
Otter (O)		7
Total		30

b 30 students

c dolphin

d $\frac{4}{30}$

The following errata were made on 13/Apr/2021

page 11 **SECTION 1A** third dot point should read:

Using the place value system, we can write a number in:

- numeral form
- expanded form
- words

$$\begin{array}{c} 6794 \\ \swarrow \downarrow \searrow \\ 6000 + 700 + 90 + 4 \end{array}$$

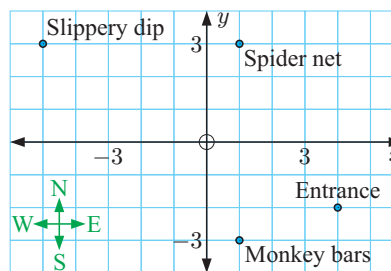
six thousand, **seven** hundred, and ninety four

page 65 **SECTION 4C** green box should read:

The product of three identical **whole** numbers is a **cubic number**.

page 284 **EXERCISE 15E** Question **3 c i** should read:

- 3** This map shows a playground.
- a** Find the actual distance between the spider net and the monkey bars.
 - b** In which direction is the slippery dip from the spider net?
 - c** The swings are 5 m south of the slippery dip.
 - i** Find the coordinates of the **swings**.
 - ii** How far are the swings from the entrance?



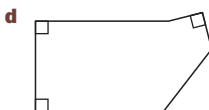
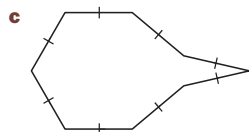
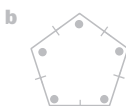
Scale: 1 unit represents 1 m

page 358 **ANSWERS REVIEW SET 2** Question **2 b** should read:

2 a $\begin{array}{r} 217 \\ + 541 \\ \hline 758 \end{array}$	b $\begin{array}{r} 3576 \\ + 431815 \\ \hline 7961 \end{array}$	c $\begin{array}{r} 178 \\ 2307 \\ + 171625 \\ \hline 3250 \end{array}$
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page 361 **ANSWERS EXERCISE 5A** Question **4** parts **c** and **d** should be swapped:

4 Note: Other answers are possible.



The following errata were made on 01/Feb/2021

page 19 **REVIEW SET 1** Question **9** should be inserted:

9 Round:

- | | |
|--|--|
| a 35 to the nearest 10 | b 4384 to the nearest 1000 |
| c 463 994 to the nearest 10 000 | d 853 941 to the nearest 100 000. |

page 20 **SHORT RESPONSE TEST 1** Question **9** should be inserted:

9 Round to the accuracy given:

- | | |
|--|------------------------|
| a There are 16 610 spectators at the stadium. | (to the nearest 1000) |
| b My internet bill is \$82. | (to the nearest \$10) |
| c The dog ran 2309 m along the beach. | (to the nearest 100 m) |

page 356 **ANSWERS REVIEW SET 1** Question **9** should be inserted:

- 9 a** 40 **b** 4000 **c** 460 000 **d** 900 000

page 356 **ANSWERS SHORT RESPONSE TEST 1** Question **9** should be inserted:

- 9 a** 17 000 spectators **b** \$80 **c** 2300 m