

ERRATA

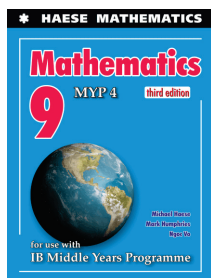
MATHEMATICS 9 MYP 4 (3rd edition)

Third edition - 2024 second reprint

The following erratum was made on 28/Mar/2025

page 543 **ANSWERS EXERCISE 22D.1** Question **2 d**, should read:

- 2**
- a** $\widehat{ABE} = \widehat{ADC}$ {given}, angle A is common
 - b** $\widehat{PQR} = \widehat{TSR}$ {given}
 $\widehat{PRQ} = \widehat{TRS}$ {vertically opposite angles}
 - c** angle D is common,
 $\widehat{DEH} = \widehat{DFG}$ {equal corresponding angles}
 - d** $\widehat{PTQ} = \widehat{SRQ}$ {equal **alternate** angles}
 $\widehat{PQT} = \widehat{SQR}$ {vertically opposite angles}
 - e** angle C is common,
 $\widehat{CBD} = 40^\circ$ {angle sum of a triangle}
 $= \widehat{CAB}$
 - f** $VX = 15$ m, $XY = 34$ m {Pythagoras}
 $\therefore YZ = 2WV, XY = 2XW, XZ = 2XV$



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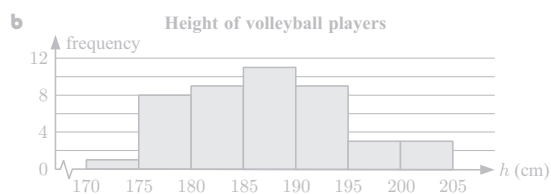
The following errata were made on 04/Oct/2023

page 460 **SECTION 27B** Blue box, should read:

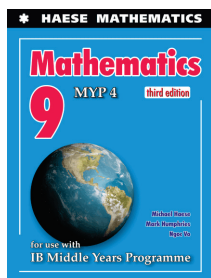
The **modal class** is the class **interval** with the highest frequency.

page 553 **ANSWERS EXERCISE 27C** Questions **2 a** and **c**, should read:

- 2 a** Height can take any value within each class **interval**.



- c** $185 \leq h < 190$ cm. This class **interval** has the highest frequency.



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Third edition - 2022 first print

The following errata were made on 23/Jun/2023

page 547 **ANSWERS EXERCISE 25C** Question **1 c**, should read:

- 1 c** The points of y against $\frac{1}{x}$ form a straight line through the origin,
 $\therefore y$ is directly proportional to $\frac{1}{x}$
 $\therefore y$ is inversely proportional to x .

page 549 **ANSWERS REVIEW SET 25B** Question **11 a ii**, should read:

11 a ii $\approx 1.12 \text{ kg/m}^3$

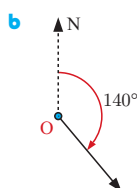
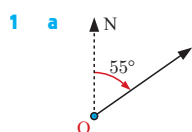
The following erratum was made on 22/May/2023

page 545 **ANSWERS REVIEW SET 23B** Question **3 b**, should read:

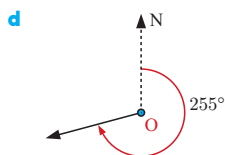
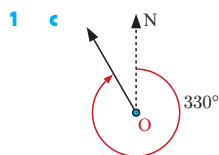
3 a $x \approx 64.3$ **b** $x \approx 3.2$ **c** $x \approx 11.2$

The following errata were made on 05/Dec/2022

page 544 **ANSWERS EXERCISE 23G** Questions **1 a** and **b**, should include point O:



page 545 **ANSWERS EXERCISE 23G** Questions **1 c** and **d**, should include point O:



page 545 **ANSWERS REVIEW SET 23B** Questions **5 a** and **b**, should read:

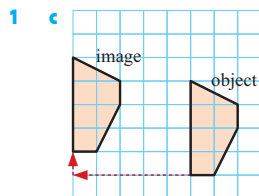
- 5 a** $\theta \approx 63.6^\circ$, $\phi \approx 26.4^\circ$, $x \approx 8.1$
b $\theta = 52^\circ$, $x \approx 8.9$, $y \approx 5.5$

The following errata were made on 03/Nov/2022

page 388 **EXAMPLE 8** Solution, last line should read:

Example 8		Self Tutor
A cyclist rides to a destination 21.3 km west and 13.8 km north of her starting point. Find the bearing of the destination from the starting point, to the nearest degree.		
	$\tan \theta = \frac{\text{OPP}}{\text{ADJ}}$ $\therefore \tan \theta = \frac{13.8}{21.3}$ $\therefore \theta = \tan^{-1} \left(\frac{13.8}{21.3} \right) \approx 32.9^\circ$ $\therefore 270^\circ + \theta \approx 303^\circ$ So, the bearing of the destination from the starting point is about 303°.	

page 534 **ANSWERS REVIEW SET 19A** Question 1 c, translation should only be 1 square upwards:



The following erratum was made on 13/Oct/2022

page 200 **EXAMPLE 8** Solution, should use correct units:

Example 8	Self Tutor
Find the volume of this sphere:	$\text{Volume} = \frac{4}{3}\pi r^3$ $= \frac{4}{3} \times \pi \times 3.2^3 \text{ m}^3$ $\approx 137 \text{ m}^3$