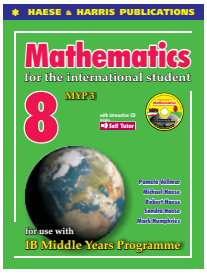


ERRATA

MATHEMATICS FOR THE INTERNATIONAL STUDENT 8

MYP 3

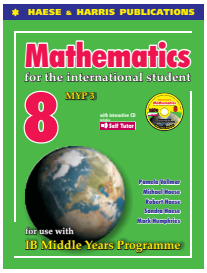
First edition - 2012 reprint

page 515 **ANSWERS EXERCISE 10E**

1 **c** 38 cm^2

page 517 **ANSWERS EXERCISE 12C.2**

1 **c** 0.000 003 9 m^3



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MATHEMATICS FOR THE INTERNATIONAL STUDENT 8

MYP 3

First edition - 2010 reprint

page 44 **RULES FOR ROUNDING** change 2nd and 3rd bullet points as follows:

- **Rounding to one decimal place**
- **Rounding to two decimal places**

page 75 **EXAMPLE 3** solution

b
$$\begin{aligned} & 0.042 \\ &= 0.\overset{\frown}{04}2 \times 100\% \quad \{\text{shift decimal point 2 places to the right}\} \\ &= 4.2\% \end{aligned}$$

page 91 **TEXT** first line and blue box under the "**SIMPLE INTEREST FORMULA**" heading should be:

The **simple interest** I can be calculated using the formula:

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Suppose you invest \$1000 in the bank for 3 years, earning 10% p.a. compound interest.

page 120 **EXAMPLE 2**

b What percentage of the Australian budget was spent on mental health services?

page 122 **EXERCISE 5A** first paragraph of question **9** should read:

This line graph shows the variation in the value of a gram of gold over a number of years. Determine:

page 193 **INVESTIGATION 1**

2 **d** $\dfrac{\sqrt{15}}{\sqrt{5}}$

page 214 **TEXT** highlighted text in blue box at the bottom of page should read:

1 kilometre (km) = 1000 metres (m)
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page 224 **CONVERTING AREA UNITS** halfway down the page should read:

To convert units of area, we can use a conversion diagram:

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Find, correct to 3 significant figures, the volume of the following solids:

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$\therefore$ $(1.8, -0.1)$ also satisfies $y = \frac{1}{2}x - 1$.

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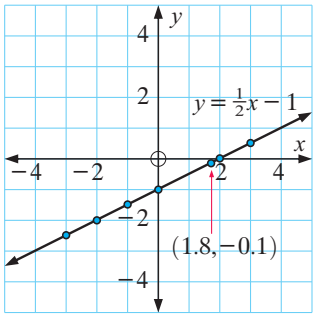

page 356 **FACTORISING WITH COMMON FACTORS**

is **expansion**

$5(x - 1) = 5x - 5$

is **factorisation**

page 463 **EXAMPLE 5** solution – last line of calculator instructions should read:

{ 2nd cos (2.67 ÷ 5.92) ENTER }

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1 **a** The fish sold in week 2 looks to be 4 times as much as in week 1 whereas it is actually only double.

page 538 **ANSWERS EXERCISE 24A**

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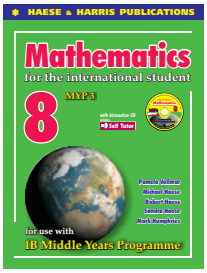
John → Rupesh could indicate that John beat Rupesh.



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MATHEMATICS FOR THE INTERNATIONAL STUDENT 8

MYP 3

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page 8 **TABLE OF CONTENTS** change section number:

26 ACTIVITIES 495

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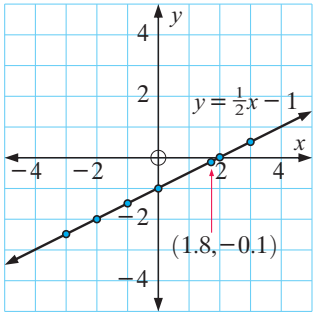
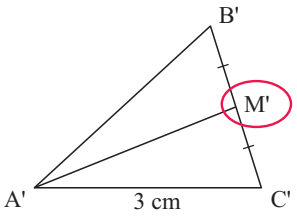


page 331 **TEXT UNDER THE SECTION HEADING** fifth line should read:

AP = A′P, BQ = B′Q, and so on.

page 338 **TEXT** correct diagram:



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every field of mathematics which existed in his day.

page 463 **EXAMPLE 5** solution – last line of calculator instructions should read:

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page 499 **ACTIVITY 5**

Hint: You could equate gradients of line segments.

page 512 **ANSWERS EXERCISE 7E** last line of the answer to question **4e** should read:

So, opposite angles of the quadrilateral add to 180^o.

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page 517 **ANSWERS EXERCISE 12C.2**

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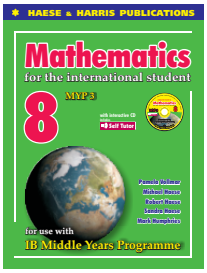

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MYP 3

First edition - 2008 initial print run

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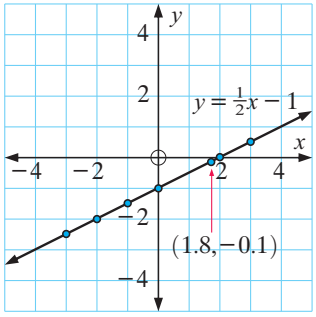

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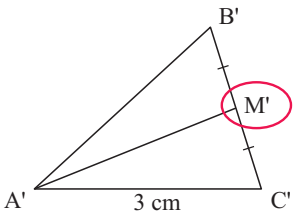

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