

ERRATA FOR INITIAL PRINT RUN

TEXT

page 171 **Review set 4B**

3 a Show algebraically that $\frac{1}{\left(\frac{T}{T_0}\right)^2} = \frac{1}{a^2} + \frac{b}{a^2} \left(\frac{y^2}{c^2}\right)$.

page 287 **Exercise 8E.2**

1 d i 0 in row 1, column 1 of the C^2 matrix.

page 291 **Dominance matrices**

The matrix in the lower right hand corner of the page should be:

$$\begin{bmatrix} 0 \\ 1 \\ 1 \\ 0 \\ 0 \end{bmatrix} \begin{array}{l} \leftarrow \text{B beat A} \\ \leftarrow \text{C beat A} \end{array}$$

page 294 **Transition matrices**

The table and explanation following the 4th paragraph should be:

		Bought next time	
		ACE	other
Bought now	ACE	0.80	0.20
	other	0.30	0.70

Of those who buy Ace now, 80% will buy Ace next week.

Of those who buy another brand now, 30% will buy Ace next week.

Of those who buy Ace now, 20% will buy another brand next week.

Of those who buy another brand now, 70% will buy another brand next week.

page 300 **Exercise 8G**

5 Transition matrix should be:

$$T = \begin{array}{c} \text{VG} \\ \text{U} \\ \text{VP} \end{array} \begin{array}{ccc} \text{VG} & \text{U} & \text{VP} \\ \begin{bmatrix} 0.8 & 0.1 & 0.1 \\ 0.2 & 0.7 & 0.1 \\ 0.0 & 0.3 & 0.7 \end{bmatrix} \end{array}$$

page 301 **Exercise 8G**

9 d Question should read:

Where is the courier most likely to be in:

- i** 20 minutes time **ii** 30 minutes time?
if he is currently at **B**.

page 309 **Exercise 8H.2**

4 The table should contain the following data:

Age (years)	0-1	1-2	2-3	3-4	4-5
Population before fire	116	83	57	32	14
Breeding rate	0	0.1	3.8	2.6	0.7
Survival rate	0.5	0.7	0.8	0.3	0

page 312 **Exercise 8I**

4 In the second row, the first matrix should be:

$$\begin{bmatrix} 1 & 17 \\ 25 & 18 \end{bmatrix}$$

ANSWERS

page 347 **Exercise 6E**

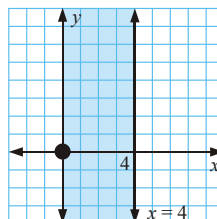
3 b i Label under graph should be 'logistic model'

page 350 **Exercise 7A**

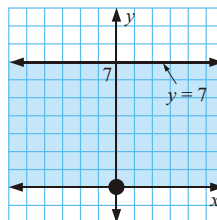
2 e $3M + 2C \leq 25$

page 351 **Exercise 7B**

3 c



d



page 353 **Exercise 7D**

1 $5x + y \leq 15, \quad x + 4y \leq 12$

page 361 **Exercise 8G**

- 5 b i** 16% of the soil that is usable this year will be very poor in two years time.
- ii** 42% of the soil that is very poor this year will be usable in two years time.

ERRATA FOR FIRST REPRINT

TEXT

page 254 **Exercise 7F**

1 There should be at least 700 units of proteins.

ANSWERS

page 325 **Exercise 1E.1**

6 c 0.8405

d 0.9957

page 327 **Exercise 2A.3**

1 b 0.7119

1 c 0.8215

2 0.9749

ERRATA FOR SECOND REPRINT

ANSWERS

page 333 **Review set 3B**

4 c 251% increase