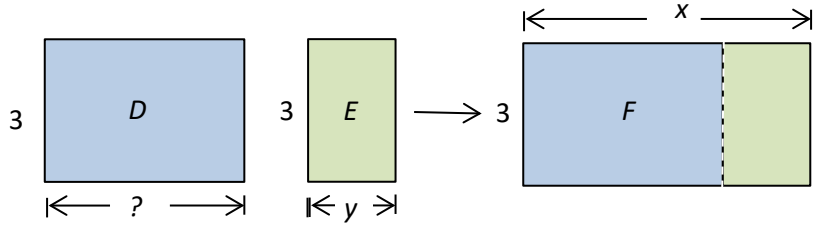
Dimensions Mathematics Core Edition 7A

(Updated 2/27/2018)

Textbook

Page			Added
80	(b)	$\frac{q-pr}{qr}=\frac{5-\frac{1}{2}\times(-2)}{5\times(-2)}$ $=\frac{6}{-10}$ $=-\frac{2}{3}$	3/14/2013
98	Class Activity 2	5. x should indicate the entire length for Rectangle F. The length of rectangle D should not be labeled. (a) needs to be changed to finding the length of rectangle *D* in terms of *x* and *y*. The expected answers are given below: 5. Consider the following diagram:  (a) Find the length of rectangle *D* in terms of x and y: $x-y$ (b) Find the area of (i) rectangle *D*: $3(x-y)$ (ii) rectangle *E*: $3y$ (iii) rectangle F: $3x$ (c) Use the areas in question 5(b) to write the relationship: The area of rectangle *D* = the difference between the areas of rectangle F and rectangle *E*: $3(x-y)=3x-3y$	< 3/14/2013
101	Recall	(–a + b) should be –(a + b)	
112	Nutshell	Under Distributive Law –(x + y) = –x – y	4/23/2013
114	Example 14 (b)	Answer cannot have more significant figures that those used in calculation. Speed = 53 mi/h x 1.6 km/mi = 85 km/hr (rounded to whole number)	5/19/2017
Answers			
219-231		For first printing only, see pdf with revised answers, corrections highlighted. http://singaporemathematics.com/errata/pdf/DMCC7A_Answer_h.pdf	
224	17.(b)	$x+\left(\frac{3}{5}x+18\right)+\left[2\left(\frac{3}{5}x+18\right)-45\right]$	3/21/2013

224	19.(a)(iii)	$x + 2(3x + 5) + 3\left(\frac{4}{5}x\right)$	3/21/2013
224	19.(b)	104	< 3/14/2013
227	Ch. 6 Try It 14	Same conversion factor as used in Example should be used, i.e. 1.6 km/mi, and answer should be rounded to a whole number. The measurement has only 2 significant figures. 98 km/h (rounded to a whole number)	05/19/2017
231	Ex 8.4 2(c)	(i) right angled (m∠R = 90°) (ii) scalene	12/25/2013
	Ex 8.4 2(e)	(i) acute angled (ii) isosceles ((m∠R = 65°)	12/25/2013
	Ex 8.5 2(b)	4.8 cm	02/27/18