

**Dimensions Mathematics Core Edition 8A
Textbook**

Page				Added (mm/dd/yyyy)
35	Rev. Ex. 1	5(d)	This question is not appropriate since it involves quadratics which is covered later. Change to $a^{\frac{1}{2}} \left(a^{\frac{1}{2}} - a^{-\frac{1}{2}} \right)$ Solution is: $a^{\frac{1}{2}} \left(a^{\frac{1}{2}} - a^{-\frac{1}{2}} \right) = a^{\left(\frac{1}{2} + \frac{1}{2}\right)} - a^{\left(\frac{1}{2} - \frac{1}{2}\right)}$ $= a - 1$	08/19/2014
81	Example	12(b) Solution	$121p^2 - 132pq + 36q^2 = (11p)^2 - 2(11p)(6q) + (6q)^2$ $= (11p - 6q)^2$	07/28/2014
91	Example	3	When $p = -1$ and $q = 7$, $-1 + 3(7) = 20$	07/28/2014
100	Ex 4.3	7	The sum of the squares of three consecutive positive odd numbers is 251.	10/24/2015
115	Top of page		$\left(\frac{3x}{x+2} \right) (x+2) = 2(x+2)$	
Answers				
Page				
226	Ex. 1.1	8	$m = 3, n = 77;$ $m = 7, n = 33;$ $m = 11, n = 21$	07/21/2014
227	Ex. 1.5	5(e)	3×10^{10}	08/19/2014
229	Ch. 2 Try It	12	$x = 4\frac{22}{23}, y = 2\frac{14}{23}$	07/21/2014
	Ex. 2.1	13(a)	$4x - 6y = 3,000$	07/21/2014
		13(b)	$x = 900, y = 100; x = 1,200, y = 300$	07/21/2014
	Ex 2.3	2(h)	$x = -1\frac{2}{3}; y = -2\frac{1}{3}$	07/21/2014
231	Ex. 3.3	6(d)	$(1 - 6xy)^2$	
			Review Exercise 3	08/19/2014
232	Ex. 4.2	4(b)	$-1\frac{1}{4}$ or 3	07/21/2014
	Ex. 4.3	10	8 m or 12 m	08/19/2014
235	Ex. 5.5	8(f)	$n = \pm \sqrt{b^2 - \frac{9S^4}{4a^2}}$	07/21/2014
235	Rev. Ex. 5	9	(a) $x = c\sqrt{\frac{y^2 - 9}{y^2 + 9}}$ (b) $\sqrt{7}, 2.65$	07/21/2014
237	Rev. Ex. 6	10	$R(-1, 2), S(-1, 0), T(3, 0)$	07/21/2014

		13(b)	$A_2(5, -2), B_2(13, 0), C_2(11, 4), D_2(7, 4)$	07/21/2014
		13(c)	An enlargement about center $(-3, 4)$ with a scale factor of 2.	07/21/2014