

Dimensions Mathematics Core Edition 7A Workbook

(Updated 6/27/2018)

Workbook

Page					Added here
8	Ch. 2	11	(b)	$4^3 - 52 \frac{7}{20}$	2012
11	Ch. 2	28	(b)	Renumber the parts. (i), (ii), (iii), and (iv)	
14	Ch. 2	42	(a)	Clive wants to paint the walls of a rectangular room which are 5.26 m long....	
18	Ch. 3	20		The amount of kinetic energy, E, in any moving object can be expressed by the formula $E = \frac{1}{2} MV^2$...	
23	Ch. 4	15	(h)	$12 \left(\frac{m+2n}{3} - \frac{m-3n}{6} + \frac{m+n}{2} \right)$	10/16/2014
25	Ch. 4	22		Last year, Sheryl borrowed $(6x + 12y)$ books from the library. Murray borrowed $\frac{2}{3}$ as many books as Sheryl and Lina borrowed $\frac{1}{2}$ as many books as Murray.	
29	Ch. 5	12.	(f)	$\frac{5}{4} \left(8 - \frac{3n+2}{25} \right) + 7 = \frac{36(1+2n)}{5}$	
Answers					
55	Ch. 1	14.	(b)	(iii) 125	
56	Ch. 2	5.	(a)	(iii) 21 (iv) 18	
			(b)	80	
		7.	(f)	$-\frac{23}{16}$ or $-1 \frac{9}{16}$	
57		13.	(b)	(iv) 10.00	
		20.	(f)	0	
			(g)	7	
58		33.	(a)	$\frac{3}{14}$	
	Ch. 3	6.	(f)	$p^2 + q^2 + mn$	
59		23.	(iii)	$\$ \left(\frac{3d}{m} + \frac{5c}{n} \right)$	
60	Ch. 4	5.	(d)	-5	
		11.	(c)	(Sub-part (b)(iv) should be (c))	
		18.	(d)	(ii) 91	
61	Ch. 5	4.	(e)	13	
		11.	(f)	$28 \frac{3}{4}$	
63	Ch. 6	17	(a)	$400 \text{ cm}^2, 8,000 \text{ cm}^3$	

64	Ch. 7	23.	(a)	\$8,500	
65	Ch. 8	20.	(a)	12	
			(b)	62 cm	
			(c)	1,922 cm ²	
		23.	(b)	$m\angle ABC = m\angle BAD = 90^\circ$	
66		29.	(a)	64° (remove sub-parts)	
		30.	(c)	One of the solutions is $x = 20$. (No sub-part (d))	