		Dimensions Math Textbook 7B 05/27/2015
Page	Question or Section	Error
20	Example 1	(a) solution missing dotted lines to Point F
239 - 240		For first printing only, see revised answer key at end with revised answers, corrections highlighted.
239	Ex. 9.2, 9	There are two part (c). Change the second one to (d)
239	Ex. 9.2, 10(b)	Change to $P_n = 4 + 8n$ to be consistent with answer in guide
239	Ex. 9.2, 14(b)	Increase 1 block at each end every time.
239	Ex. 9.2, 14(c)	$T_n = 2n - 1$
241	Rev. Ex. 11, 6(a)	$17x$
241	Rev. Ex. 11, 9(d)	Group A: 16.75
241	Chapter 12 Try It! 6	4.8 cm (remove BE =)
242	Ex. 12.5, 1(d)	Area = 653.46 cm^2
243	Chapter 14 Try It! 10	PV = 120 or V = 120/P
245	Rev. Ex. 15, 9(d)	Group A = 16.75

Dimensions Math Textbook 7B includes activities using The Geometer's Sketchpad, which is no longer available. We recommend using GoeGebra instead.

		Dimensions Math Workbook 7B	
Page	Question or Section	Error	Date Added
31	22	… and the lengths of AE and AB are 0.9 m and 5.5 m respectively.	
71	Chapter 9, 6(a)	28, 48, 68	
73	Chapter 10, 12(b)	Isosceles	8/2/2021
75	Chapter 11, 39	0% < discount percentage < 16 2/3 %	
75	Chapter 11, 40(b)	6 2/3 km/hr	
76	Chapter 13, 7(a)	36 cm	
77	Chapter 13, 19(b)	225 cm^2	
77	Chapter 13, 19(d)	$22.50	
77	Chapter 14, 1(a)	1 : 60	
78	Chapter 14, 15(a)(ii)	V = 4 4/21 ^{3}	
78	Chapter 14, 15(a)(iii)	m = 12 4/7 r^3	
78	Chapter 14, 15(b)(ii)	3 1/2 cm	
79	Chapter 15, 9(b)	median = 3	
79	Chapter 15, 9(c)	mean = −0.575 median = −1 mode = −2	
79	Chapter 15, 18(b)	11 1/5	
79	Chapter 15, 22(c)	(replace sub-part (c)(i) with (c))	
79	Chapter 15, 22(d)	(replace sub-part (c)(ii) with (d))	
79	Chapter 15, 23(d)	Maximum value of x = 25	
79	Chapter 16, 1(c)	C = {$0.01, $0.02, $0.10, $0.25, $0.50, $1.00}	

		Dimensions Math Workbook Solutions 7B	
Page	Question or Section	Error	Date Added
2	Chapter 9, 3(b)	3, 5, 9, 15, 23	
2	Chapter 9, 3(e)	7th term = 720 x 7	
2	Chapter 9, 3(h)	Fractions under arrows are incorrect, because, for example, 1/2 + 2/3 does not equal 3/5, as is implied. Instead, there should be separate arrows indicating that the numerators are +2, +5, +13 and the denominators +3, +8 and +21. There should be more explanation, that is, that the denominator is added to the numerator to get the next numerator, which is then added to the denominator to get the next denominator. This is a complex pattern compared to the others. 5th term: $\dfrac{21+34}{21+34+34} = \dfrac{55}{89}$ 6th term: $\dfrac{55+89}{55+89+89} = \dfrac{144}{233}$	
13	Chapter 10, 12(a)	The graph is incorrect - the axes should have the same scale.	8/2/2021
13	Chapter 10, 12(b)	Isosceles	8/2/2021
19	Chapter 11, 3(b)(v)	$2x < 8$ $x < 4$	
22	Chapter 11, 15(h)	$\dfrac{1}{12}x \le -\dfrac{2}{3}$ $(12)\dfrac{1}{12}x \le -\dfrac{2}{3}(12)$ $x \le -8$	
23	Chapter 11, 20(h)	$\dfrac{x-4}{5} - \dfrac{9+4x}{3} \ge \dfrac{x}{8} - \dfrac{5-3x}{3}$	
24	Chapter 11, 20(g)	Second line: $\dfrac{5(x+4)+2(2x-5)}{10} \ge \dfrac{4x-(3x-8)}{4}$	
34	Chapter 12, 22	… and the lengths of AE and AB are 0.9 m and 5.5 m respectively.	
42	Chapter 13, 19(b)	Total surface area = 2(12 + 24 − 4.5) + (5 + 3 + 1.5 + 1.5 + 3 + 1.5 + 3.5 + 3 + 5) x 6 = 225 cm^2	
42	Chapter 13, 19(d)	Purchasing cost = $225 x 0.1 = $22.50	
45	Chapter 13, 27(c)	The solid formed may be R or T as shown. T is not shown. It should be 6 blocks lined up in a straight line.	
50	Chapter 14, 21(a)	Scale of map X = 1 : x ∴ area on map Y : actual area = 1 : x^2 Actual area a of park = $10x^2$ Scale of map Y = 4 : y $= 1 : \dfrac{y}{4}$ ∴ area on map Y : actual area = 1 : $\dfrac{y^2}{16}$ Actual area of park = $\dfrac{2.5y^2}{16}$ cm^2 ∴ $10x^2 = \dfrac{2.5y^2}{16}$ $\left(\dfrac{x}{y}\right)^2 = \dfrac{2.5}{160}$ $= \dfrac{1}{64}$ $\dfrac{x}{y} = \dfrac{1}{8}$ ∴ $x : y = 1 : 8$	12/19/2020
51	Chapter 14, 22	Land area cleared after 20 weeks = $20r$ cm^2	
52	Chapter 14, 25(a)(iii)	Third line of solution should be: $= \dfrac{k}{\frac{1}{8}q^3}$	

54	Chapter 15, 4(b)(ii)	From (a) ii, mean of 8, 6, 10, 21, 22, 4 is 12.
54	Chapter 15, 5(a)	Find the mean and the mean absolute deviation (MAD) of the heights of
55	Chapter 15, 7(b)	Mean = $\dfrac{166+173+179+...+252}{16}$
60	Chapter 15, 28	Second to last line: $[(5) - (9)] + 2 : d = 6$
61	Chapter 16, 1(e)	...Costa Rica, El Salvador, Guatemala...
63	Chapter 16, 16(b)	$\dfrac{\text{Area of } \Delta BEF}{\text{Area of } ABCD} = \dfrac{\frac{1}{2} \times BE \times BF}{AB \times BC}$
76	Chapter 17, 21	$= 169/400$

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10/16/2014				
Page	Question or Section	Error		Date Added
13	Class Activity 1, 2(e)	$a_5 = 9$		
14	Class Activity 2, 1(a)	There should be an H attached at the end of the second carbon compound.		
20	Ex. 9.1, 4(d)	$T_7 = --\dfrac{256}{9} \times \left(-\dfrac{2}{3}\right)$		
24	Ex. 9.2, 12(a) solution	The molecular model for the 4th member should have one more C and two more H.		1/1/2022
37	Ex. 10.2, 7(c)	This is mislabeled as (b).		
43	Rev. Ex. 10, 5(a)	Remove lines BD and AC.		
50	Ex. 11.1, 2(c)	$x \leq 1\ 1/2$		
51	Ex. 11.1, 3(c)	Second line: $\dfrac{8}{5} \times \left(\dfrac{5}{8}x\right) < \dfrac{8}{5} \times \left(-\dfrac{15}{4}\right)$		
52	Ex. 11.1, 7	$x > \dfrac{1}{5} \times 35$		
52	Ex. 11.1, 8	$x \leq \dfrac{1}{8} \times (-6)$		
57	Ex. 11.1,	$164 - 7m < 128$		
57	Ex. 11.1, 11	$y \leq 26\dfrac{8}{17}$		
58	Rev. Ex. 11, 2(b)	First line: $a < 7$		
59	Rev. Ex. 11, 3	The solutions should be shown on a number line.		
59	Rev. Ex. 11, 4(a)	Second line: $x \leq \dfrac{1}{8} \times 32$		
59	Rev. Ex. 11, 6(a)	$3(5 - 4) + 2(x + 6) = 15 - 12 + 2x + 12$ $= 17x$		
59	Rev. Ex. 11, 6(b)	$3(5 - 4) + 2(x + 6) \geq -51$		
74	Ex. 12.2, 3(b)	$= 63.55\ cm^2$		
76	Ex. 12.3, 2	DF first row, fourth column of the table		
76	Ex. 12.3, 2(b)	DE is 6 (third column, third row of table)		
79	Ex. 12.4, 2	h first row, third column of table		
92	Try It!, 3(c)	Second line: $x = \sqrt[3]{360}$		

107	Rev. Ex. 13, 7(d)(ii)	Volume of cabinet = 264,000/1,000,000
113	Try It!, 3(b)	Actual area of the bathroom = 2.4 x 2
114	Try It!, 7(a)	Since $\dfrac{t}{w} = \dfrac{1}{15}$
114	Try It!, 7(c)	$\dfrac{t}{w} = \dfrac{1}{15}$
114	Try It!, 7(e)	When w = 675, 675 = 15t
124	Ex. 14.3, 4	4th line: $\dfrac{12}{8} = \dfrac{q}{24}$
130	Ex. 14.4, 14(a)	$56 = k / 3^2$
145	Ex. 15.3, 5(b)	Sum = 0 (Set A table, last line under Deviation from Mean)
155	Ex. 15.3, 2(a)	The second value for the numbers on the line plot should be 11.6.
156	Ex. 15.3, 7	The line "Median salary = $3,000" is part of the solution for (c), and (d) should be in front of the next line.
157	Ex. 15.3, 5(d)	The last value under Data Value in the chart for Supermarket A should be 5.2.
158	Ex. 15.3, 9(a)	For the line where Group A's values are arranged in ascending order, the value 74 should instead be 70.
158	Ex. 15.3, 9(d)	6th row up from the bottom should be: 70 11 11 Last row should be: Sum = 0 Sum = 268
159	Ex. 15.3, 9(d)	MAD for Group A = 268/16 = 16.75
159	Ex. 15.3, 9(e)	…from Group A differ from the mean (59 points) by 16.75 points…
163	Class activity 4, 1(d)	The answers in (b) and (c) should be the same as or close to each other.
163	Class activity 4, 2(b)	The answers in for 2(a), 1(b) and 1(c) should be the same as or close to each other.
174	Ex. 16.2, 9(c)	There is no blue rose. P(a blue rose) = 0
181	Rev. Ex. 16, 17(a)(ii)	P(last digit is a '9') = 100/1,000
201	Ex. 17.2, 13(a)	Second to last line: = 4/36 + 6/36
205	Ex. 17.3, 12(c)	Last line: 8/105
207	Ex. 17.4, 6(a)	P(both cards are red) = 26/52 + 25/51