

**Dimensions Math Textbook 6B (Printing 2017)**  
(Updated 7/9/2018 )

p18 #9(b) Add this to the question - Assume that K is a multiple of 5.

p56 #6 (a) in terms of p should be in terms of w

p67 Example 4 Solution showing Rectangle ABCD - point A is stated as (-3, 4) but it should be (-2,4). Point D is stated as (-3,-3) but it should be (-2,-3).

p121 #8 error with figure - 38 cannot be the hypotenuse of a right triangle with a leg of 45, and 27 cannot be the hypotenuse of a right angle with a leg of 32. Change 10 to 20 in the diagram, answer for the area will stay the same but perimeter will now be 240 mm (instead of 220 mm).

p128 Try It 9(a) the dotted line from P to the base is PS.

p150 #15 need to indicate that the 10-cm line (on the right) is perpendicular to AB and DC.

p168 #6 d) should be 6(b)

p172 #3 "Name the three pairs of identical faces of a cuboid...." should "of the cuboid...."

p172 #4 Change "Which two faces of the cuboid represent the area found by multiplying length by width?" to "Multiplying the length and width of the cuboid will give the respective area of which two faces?"

p181 Try It 11 Express the following areas in (not into)  $m^2$ .

p184 #1 Change instruction to : Find the surface area of the rectangular prism in (a) and the cube in (b).

p192 -#8 the unit of measurement is "cm".

p220 Exercise 13.2 #1 Scales on the dot plot should have been 30 40 50 60 70 (not 30 40 45 50 55)

p241 Exercise 13.3 #3 "Length (m)" should be on the diagram.

p242 Exercise 13.3 #10 Draw box plots (not dot plots) .... What prediction can you draw from the box plots (not dot plots)...

p248 Exercise 8.2 2 #12 Jacqueline should be Kamala

p249 Exercise 9.1 #16 79,355 should be 79,335

p249 Exercise 9 .2 #9. answer should be:

$$4x = 80$$

$$x = 20$$

$$\text{Or, } \$80 \div 4 = \$20$$

\$20 is the most he can spend on a pair of pants so the inequality is  $x \leq 20$

p253 Chapter 12 Try It 12b  $2.56 \text{ m}^2 = 25,600 \text{ cm}^2$

P253 Exercise 12.1 6(b)  $148 \frac{1}{4} \text{ in}^3$  should be  $146 \frac{1}{4} \text{ in}^3$

p253 Exercise 12.1 #13 answer should be 12.75

p254 Exercise 12.2 #5 (a) volume should be  $55 \text{ in}^3$

p254 Exercise 12.2 #9 (a) 3 cans

p254 Exercise 12.2 #9 (b) \$25.77

p254 Exercise 12.2 #10 (b) \$222.30

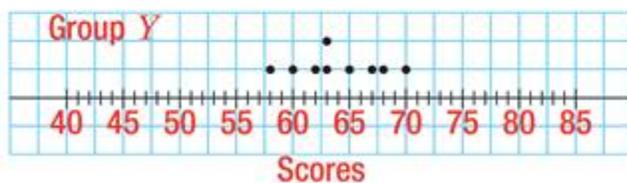
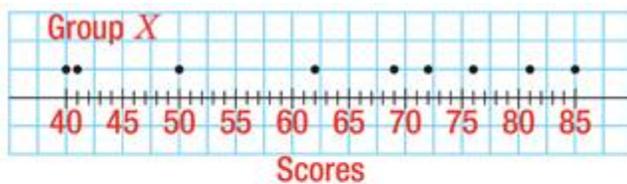
p254 Chapter 13 Try It 7(a)  $57^\circ \text{ F}$

p254 Chapter 13 Try It 7(c) The data cluster between  $54^\circ \text{ F}$  and  $58^\circ \text{ F}$ .

p254 Chapter 13 Try It 9(b) the mean because there are no extreme values.

p254 Chapter 13 Try It 13(b) The weather in City B is generally warmer than in City A.

p255 Try It! 15 (a) – question calls for dot plots.



p255 Exercise 13.1 #9(a) 17.2 lb

#9(b) 14.4 lb

#9(c) the median

p255 Exercise 13.1 #10 (a) should only include mean and median.

#10 (b)

Player A :  $24 - 12 = 12$  points

Player B :  $42 - 4 = 38$  points

p255 Exercise 13.2 #1 (e) should be "38 and 48 kg"

p255 Exercise 13.2 #2(e) 48%

p255 Exercise 13.2 #3(a) all the "t" in the table should be "x"

p255 Exercise 13.2 #1(b) kilogram

p256 Exercise 13.2 #13(c) answer should be " 1.  $4 < x \leq 8$ ;  
2.  $0 < x \leq 6$  and  $6 < x \leq 12$

p256 Exercise 13.3 #1(b) answer should be Range:9, Mean: 4, MAD: 2.8

#1(d) answer should be Range:9, Mean: 6.5, MAD: 2.25

p256 Exercise 13.3 #9(d) answer should be Class A.

p256 Exercise 13.3 #14(b) answer should be 12,18,33.