

**Benchmark Review Answer Key**  
(31 problems)

**Pages 243-245 #2, 3, 7, 8**

2. G – 40%
3. B - \$1.25
7. 5.4
8. B – 15 treats

**Pages 289-291 #2, 4, 5, 7, 9, 10**

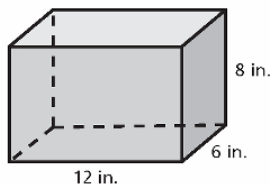
2. G – (-5, 3)
4. D
5. H – 80%
7. \$5.88
9. D – Multiply 24 by  $\frac{3}{4}$
10. F – 24%

**Pages 349-351 #3, 4, 6, 7, 10, 11**

3. C –  $18 + 5 = y - 9$
4. F –  $x \geq 5$
6. 9
7. F –  $c = 25 + 20p$
10. H – 32 fish
11. B – (3, -2)

**Pages 385-387 #1, 3, 4, 5, 6, 7(a & b only)**

1. B –  $t \leq 38$
3. C – 480 inches<sup>3</sup>
4. F –  $n = 8y + 60$
5.  $m = \frac{3}{2}$  or  $m = 1.5$
6. C – 39 inches<sup>2</sup>
7. a.



- b. 432 inches<sup>2</sup>

**Pages 429-431 #3, 4, 5, 6, 11, 12**

3. 24
4. A – mean
5. I – auger, fighting conch, rough scallop, coquina
6. A – 1.4
- 11.

*Sample answer:* Because  $\frac{35}{5} = 7$ , the 5 numbers should have a sum of 35 so that the mean is 7. Because the median is 9, the middle value is 9. So, find 4 numbers with a sum of  $35 - 9 = 26$ , 2 of which are less than 9 and 2 of which are greater than 9.

12. B - 100

**Pages 471-473 #2, 4, 8**

2. F – Six 1-liter bottles
4. H – 6.5 seats
8. C – 96