

Chapter 2 BLM Answers

BLM 2-2 Operations on Decimal Numbers

- Greater than 3. There are 3 groups of 16 in 48. $15 < 16$, so there will be slightly more groups (or greater than) of 15 in 48.
- subtract 50 or add 50
 - subtract 0.9 or add 0.1
 - subtract 800 or add 200
 - subtract 0.8 or add 0.2
- 10.606666
 - 11.57619
 - 200.3620
 - 9.086206



Find 100, which is halfway between 0 and 200. Find 50, which is halfway between 0 and 100. Label 60, which is slightly greater than 50.

5. a) = b) < c) < d) >

BLM 2-4 Section 2.1 Extra Practice

- $40 + 30 + 90 = 160$
 - $40 + 10 + 10 = 60$
- $\$400 - \$200 = \$200$; lower
 - $6000 - 3000 = 3000$; lower
- $50 + 30 + 90 = 170$
 - $50 + 10 + 20 = 80$
 - $\$500 - \$200 = \$300$
 - $7000 - 3000 = 4000$
- $$\begin{array}{r} 6.300 \\ 7.000 \\ + 8.692 \\ \hline 21.992 \end{array}$$
 - $$\begin{array}{r} 4.315 \\ 6.040 \\ + 9.100 \\ \hline 19.455 \end{array}$$
 - 0.60
 - 6.90

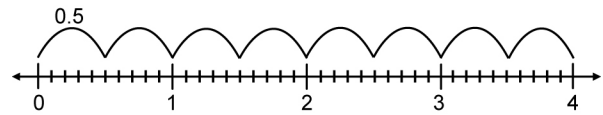
BLM 2-6 Section 2.2 Extra Practice

- $50 \times 2 = 100$; 148.50
 - $3 \times 5 = 15$; 17.28
 - $30 \times 2 = 60$; 94.64
 - $3 \times 6 = 18$; 23.498
 - $20 \times 0.3 = 6$; 6.78
 - $70 \times 0.8 = 56$; 59.36
- Estimates may vary.
 - 10.4
 - 187.8
 - 38.92
 - 56.2
- $6 \times 3 = 18$; 20.8
 - $10 \times 7 = 70$; 96.75
 - $300 \times 6 = 1800$; 2110.5
 - $70 \times 5 = 350$; 392.08
 - $10 \times 0.3 = 3$; 3.993
 - $7 \times 0.4 = 2.8$; 3.7728

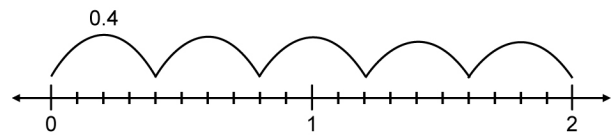
4. Estimates may vary. For example:
 $50 \times 2 = 100$. Lesley's mass is 79.5 kg.

BLM 2-8 Section 2.3 Extra Practice

1. a) 8



- b) 5



- 2
 - 15
- 3.328
 - 26.25
- 4.5
 - 3.7
- \$6.50

BLM 2-10 Section 2.4 Extra Practice

- 1
 - 3
 - 23
 - 4
 - 5.6
 - 6.7
- $(7 + 5) \times 0.3 = 3.6$
 - $1.2 \div (9 - 3) = 0.2$
 - $5 + 7.2 \div 0.9 = 13$
 - $(10 - 4) \times 0.5 - 1 = 2$
 - $1.1 + 0.4 \div 8 + 3 = 4.15$
- 5.2
 - $(5 + 0.4) \div 2 = 2.7$
- 13
 - 165
 - 3.5
- $2 \times 18.40 + 3 \times 35.50 = \143.30

BLM 2-11 Chapter 2 Test

- B
- A
- D
- C
- D
- D
- A
- A
- B
- 1.14
- $(12 - 7)$
- 1.407
 - 10.59
 - 19.7952
 - 1.7520
- 174.75
 - 2.525
- $(5.4 - 4) \times 0.12 = 0.168$
 - $(7.1 + 6.8) \times 3 \div 0.4 = 104.25$
 - $6.7 \div (0.3 + 5.2) \times 3.9 = 4.75$
 - $(9.3 - 5.5) \times (2.7 + 0.6) = 12.54$
- \$408.75
- $100 \times \$0.12 + 100 \times 8 \times \$0.15 = \$132$
- 29.93
 - Terry's estimate is more accurate. Jana divided by the number of items when she should have multiplied.
 - \$168.50
 - underestimate