Lesson 9 Practice Problems

1. Write each subtraction equation as an addition equation.

   a. $a - 9 = 6$

   b. $p - 20 = \text{-}30$

   c. $z - (\text{-}12) = 15$

   d. $x - (\text{-}7) = \text{-}10$

2. Find each difference. If you get stuck, consider drawing a number line diagram.

   a. $9 - 4$

   b. $4 - 9$

   c. $9 - (\text{-}4)$

   d. $\text{-}9 - (\text{-}4)$

   e. $\text{-}9 - 4$

   f. $4 - (\text{-}9)$

   g. $\text{-}4 - (\text{-}9)$

   h. $\text{-}4 - 9$

3. Find the solution to each equation mentally.

   a. $30 + a = 40$

   b. $500 + b = 200$

   c. $-1 + c = -2$

   d. $d + 3{,}567 = 0$

4. A restaurant bill is $59 and you pay $72. What percentage gratuity did you pay?

(From Unit 6, Lesson 7.)

5. One kilogram is 2.2 pounds. Complete the tables. What is the interpretation of the constant of proportionality in each case?

_____ kilogram per pound

pounds	kilograms
2.2	1
11	
5.5	
1	

_____ pounds per kilogram

kilograms	pounds
1	2.2
7	
30	
0.5	

(From Unit 5, Lesson 1.)

Accelerated 6 Unit 7

Lesson 9

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