

Lesson 5 Practice Problems

1. Write each subtraction equation as an addition equation.

a. $a - 9 = 6$

b. $p - 20 = -30$

c. $z - (-12) = 15$

d. $x - (-7) = -10$

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

a. $9 - 4$

b. $4 - 9$

c. $9 - (-4)$

d. $-9 - (-4)$

e. $-9 - 4$

f. $4 - (-9)$

g. $-4 - (-9)$

h. $-4 - 9$

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

(From Unit 4, Lesson 10.)

4. Find the solution to each equation mentally.

a. $30 + a = 40$

b. $500 + b = 200$

c. $-1 + c = -2$

d. $d + 3,567 = 0$

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

pounds	kilograms
2.2	1
11	
5.5	
1	

_____ kilogram per pound

kilograms	pounds
1	2.2
7	
30	
0.5	

_____ pounds per kilogram

(From Unit 2, Lesson 3.)