### Lesson 9 Practice Problems

1. Write each subtraction equation as an addition equation.
	1. $a−9=6$
	2. $p−20=-30$
	3. $z−\left(-12\right)=15$
	4. $x−\left(-7\right)=-10$
2. Find each difference. If you get stuck, consider drawing a number line diagram.
	1. $9−4$
	2. $4−9$
	3. $9−\left(-4\right)$
	4. $-9−\left(-4\right)$
	5. $-9−4$
	6. $4−\left(-9\right)$
	7. $-4−\left(-9\right)$
	8. $-4−9$
3. Find the solution to each equation mentally.
	1. $30+a=40$
	2. $500+b=200$
	3. $-1+c=-2$
	4. $d+3,​567=0$
4. A restaurant bill is $59 and you pay $72. What percentage gratuity did you pay?
* (From Unit 6, Lesson 7.)
1. 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 5, Lesson 1.)



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