### Lesson 11 Practice Problems

1. Find the quotients:
	1. $24÷-6$
	2. $-15÷0.3$
	3. $-4÷-20$
2. Find the quotients.
	1. $\frac{2}{5}÷\frac{3}{4}$
	2. $\frac{9}{4}÷\frac{-3}{4}$
	3. $\frac{-5}{7}÷\frac{-1}{3}$
	4. $\frac{-5}{3}÷\frac{1}{6}$
3. Is the solution positive or negative?
	1. $2⋅x=6$
	2. $-2⋅x=6.1$
	3. $2.9⋅x=-6.04$
	4. $-2.473⋅x=-6.859$
4. Find the solution mentally.
	1. $3⋅-4=a$
	2. $b⋅\left(-3\right)=-12$
	3. $-12⋅c=12$
	4. $d⋅24=-12$
5. In order to make a specific shade of green paint, a painter mixes $1\frac{1}{2}$ quarts of blue paint, 2 cups of green paint, and $\frac{1}{2}$ gallon of white paint. How much of each color is needed to make 100 cups of this shade of green paint?
* (From Unit 4, Lesson 2.)
1. Here is a list of the highest and lowest elevation on each continent.

|  | * highest point (m)
 | * lowest point (m)
 |
| --- | --- | --- |
| * Europe
 | * 4,810
 | * -28
 |
| * Asia
 | * 8,848
 | * -427
 |
| * Africa
 | * 5,895
 | * -155
 |
| * Australia
 | * 4,884
 | * -15
 |
| * North America
 | * 6,198
 | * -86
 |
| * South America
 | * 6,960
 | * -105
 |
| * Antartica
 | * 4,892
 | * -50
 |

* 1. Which continent has the largest difference in elevation? The smallest?
	2. Make a display (dot plot, box plot, or histogram) of the data set and explain why you chose that type of display to represent this data set.
* (From Unit 5, Lesson 3.)



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