

Name: _____ Date: _____ Period: _____

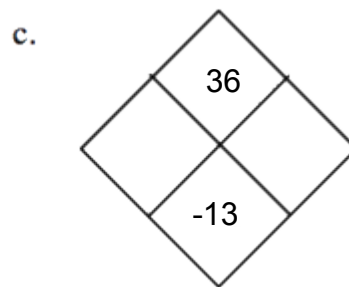
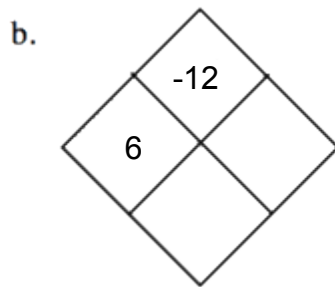
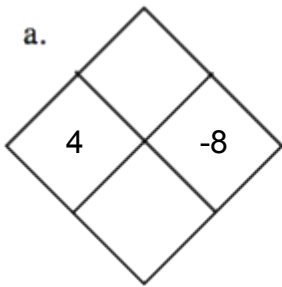
CC2 Chapter 2 Test Review

Directions: For each question, show your work as much as possible. You may not use your notebooks or a calculator. Circle or box your answer when you are complete. Good job reading the directions! Draw a stick figure next to these instructions and receive a bonus point.

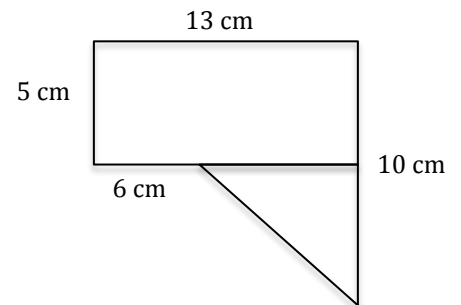
1) Calculate the following. (1 point each; Number System)

- a. $7 \cdot (-4) =$ b. $-8 + (-5) =$ c. $6 + (-2) =$
d. $9 + (-13) =$ e. $(-9)(-7) =$ f. $-5 \cdot 6 =$

2) Solve the diamond problems below. (2 points each; Number System)

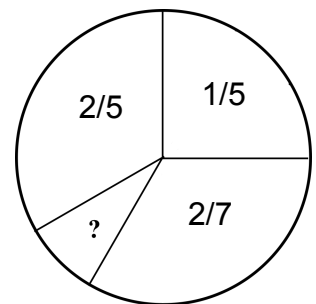


3) Find the **total** area of the shape to the right. Do not forget to include units. (6 points; Geometry)



4) The spinner below is incomplete. If the numbers in the sections of the spinner represent the probabilities of spinning each section, what fraction is missing in the spinner? Spinner sections are not drawn to scale.

Show your work. (5 points; Statistics & Probability)



5) Calculate the following. Show all your work and simplify if possible. (2 points each; Number System)

a. $-\frac{3}{4} \cdot \frac{5}{9} =$

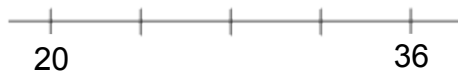
b. $\left(-1\frac{2}{5}\right)\left(-\frac{3}{14}\right) =$

c. $-\frac{3}{8} + \left(-\frac{1}{4}\right) =$

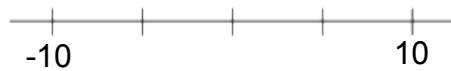
d. $-1 + \frac{2}{5} =$

6) Complete the scales by labeling the remaining tic marks. (3 points each; Ratios & Proportional Relationships)

a.



b.



7) Evan usually eats $\frac{1}{5}$ a box of Lucky Charms cereal for breakfast each morning. He decides to cut back on his calorie intake and wants to eat $\frac{3}{4}$ of his usual amount. What portion of the box is he eating now? Show all work and write your answer in the form of a sentence. (5 points; Number System)

8) Give the fraction, decimal and percent for each. Show your work. (2 points per blank; Number System)

<u>Fraction</u>	<u>Decimal</u>	<u>Percent</u>
$\frac{4}{9}$		$44.\bar{4}\%$
	0.35	35%
$\frac{3}{5}$	0.6	
	0.18	18%