

Name: _____

Date: _____ Per: _____

Lesson 3.1.2 Homework

3-19. Show the numbers of + and - tiles represented by each expression below. Sketch each model and state the number that it represents.

a. $(-2) + (-6)$

b. $(-2) + 4 + (-2)$

c. $5 + (-8)$

3-20. Copy each expression below and circle each term. Then simplify each expression.

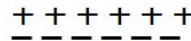
a. $-8 + 2(-5)$

b. $3(7.5 + 2) + 4.6$

c. $4 \frac{1}{2} (-2 + 1 + 7)$

d. $5(6 + 2) + 4 + 2(-5 + 8)$

3-21. Justin is working with the integer tiles shown in the diagram at right.



a. What is the value of Justin's diagram?

b. If Justin removes three positive tiles, what will the value be?

c. If Justin starts with the original diagram and removes three negative tiles, what will the value be?

d. Justin has a new arrangement of tiles shown at right. If he removes four positive tiles, what will the value be?

3-22. Linh has a bag of beads that contains 10 glass beads, 7 metal beads, 15 plastic beads, and 3 clay beads. For each part below, if the bead selected is replaced before the next draw, what is the probability that Linh will pull out a:

a. Metal bead?

b. Bead that is not plastic?

c. Glass or plastic bead?

3-23. Copy each portions web below and fill in the missing parts.

