

# X-POWER CHAPTER 1 QUIZ FORM A

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Write the fact team for each set of three numbers.

a. 105, 320, 215

b. 15, 7.5, 2

2. Fill each blank with either  $>$  or  $<$  to make a true statement:

a.  $-0.8$  \_\_\_\_\_  $-1.4$

c.  $-(-6)$  \_\_\_\_\_  $9$

b.  $|-5|$  \_\_\_\_\_  $-5$

d.  $|-5|$  \_\_\_\_\_  $|-4.5|$

3. Use the marble model to illustrate each problem:

a.  $-3 + 5 = 2$

b.  $4 - (-3) = 7$

4. Find four pairs of numbers whose sum is  $-5$ .

5. Miss Piggy went on a diet and lost 3 pounds the first week, gained 4 pounds the second week, and lost 7 pounds the third week. What was Miss Piggy's net gain or loss over the three-week period?

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6. At the start of trading, the stock of Work-4-U Industries opened at \$26 per share. On Monday it had dropped \$2.25, but on Tuesday it gained \$1.50. What was its closing value on Tuesday?

7. Perform the operations indicated. Show your work or give an explanation of how you solved the problem.

a.  $2\frac{3}{5} \cdot 1\frac{1}{9}$

c.  $13.59 \div 4.5$

b.  $2\frac{8}{9} \div 2\frac{3}{5}$

d.  $4\frac{5}{6} + 2\frac{1}{8}$