**Algebra Readiness/Pre-Test**

1. Perform the indicated operation.

A) B) C)

D) E) F)

2. The factor pairs of the number 16 are: List the factor pairs of the number 24:

3. Evaluate the given expression. Do NOT convert fractions to decimals OR improper fractions to mixed numbers.

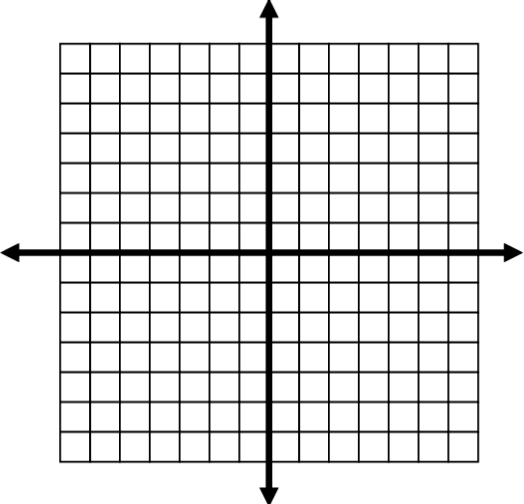
A) B) C)

D) E) F)

4. Work with percents:

A) B) C)

5. Plot the following set of numbers on a number line:

6. Plot the points in the coordinate plane and label them with their letter.

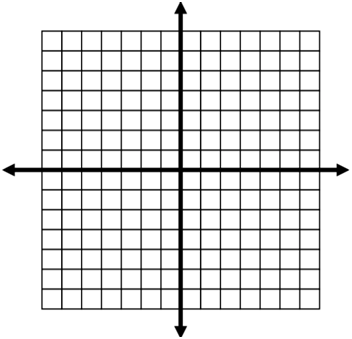
A)

B)

C)

D)

7. Find the area of the rectangle on this coordinate plane.



8. The formula for the volume of a sphere is . Find the volume of a sphere with a radius of 6 meters.

(Leave your answer in terms of pi, and label your answer with the correct units.)

**For questions 9 and 10, use the following information: Joey opened a checking account with an initial deposit of $100 that he got from his grandma. He also deposited a paycheck of $525 from his part-time job, and he made withdrawals of $65 for clothes and $42 to put gas in his car.**

9. What is the current total amount (balance) in Joey's account?

10. What is the difference between the opening balance and the current balance?

