

**Simplify each expression by combining like terms.**

1)  $4x + 2 - 3x + 10$

2)  $12y - 7y$

**Simplify each expression by using the distributive property.**

3)  $5(3x + 5)$

4)  $2(7x + 4)$

**There are 17 boys in a class and 13 girls in a class. Use this information to answer #5-8.**

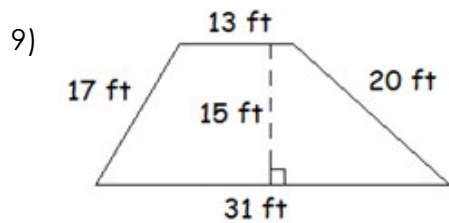
5) What is the ratio of girls to boys?

6) What is the ratio of girls to total number of students?

7) What percent of the students are boys?

8) What percent of the students are girls?

**What is the area of the figure below?**



**What is the volume of the figure below?**

