

1. Complete the equivalent ratios.

a.  $3 : 8 = 15 : \underline{\hspace{2cm}}$     b.  $9 : 18 = \underline{\hspace{1cm}} : 2$     c.  $1 : 2 : 3 = 6 : \underline{\hspace{1cm}} : \underline{\hspace{1cm}}$

2. Write each ratio in lowest terms.

a. 4:22                      b. 160:24                      c. 25:2500                      d. 148:42:100

3. A sock drawer has 5 black socks, 12 white socks and 1 pink sock. Write the lowest term ratio of

- a. Black to white socks                      c. pink to black socks  
b. pink to all socks                      d. All socks to white socks

4. In # 3 above, what percent of socks are white?

12. In a class of 25 students, the ratio of boys to girls is 2:3. If 3 girls join the class what is the ratio of girls to boys in the class?