

Multiplying Fractions

1. Kate made a cake, and she cut it into 10 pieces. She gave $\frac{1}{2}$ the cake to the neighbors. Her husband then ate $\frac{1}{5}$ of what was left of the cake. What is the fraction of the whole cake that Kate's husband ate?

- a. $\frac{1}{10}$
- b. $\frac{2}{3}$
- c. $\frac{1}{5}$
- d. $\frac{3}{4}$

2. Shane ran $\frac{3}{4}$ of the trail. Then he walked $\frac{1}{2}$ of the rest of the distance before he started to run again to finish the trail. What fraction of the whole trail did Shane walk?

- a. $\frac{1}{4}$
- b. $\frac{1}{8}$
- c. $\frac{1}{2}$
- d. $\frac{4}{6}$

3. Trevor is making rectangular banners that are $\frac{1}{2}$ yard by $\frac{2}{3}$ yard. What is the area of each banner that he will be able to decorate?

- a. $\frac{1}{2}$ yard
- b. $\frac{3}{5}$ yard
- c. $\frac{1}{4}$ yard
- d. $\frac{1}{3}$ yard