Cartana

Multiplying Fractions

Practice worksheet · KS3

Name: _____ Date: _____

1. $\frac{1}{4} \times \frac{1}{3} =$

2. $\frac{1}{5} \times \frac{1}{2} =$

3. $\frac{2}{3} \times \frac{1}{5} =$

4. $\frac{3}{5} \times \frac{1}{4} =$

5. $\frac{2}{5} \times \frac{2}{3} =$

6. $\frac{1}{2} \times \frac{6}{7} =$

7. $\frac{3}{4} \times \frac{1}{6} =$

8. $\frac{4}{5} \times \frac{5}{8} =$

9. $\frac{5}{6} \times \frac{2}{5} =$

10. $\frac{3}{8} \times \frac{2}{3} =$

11. $\frac{7}{10} \times \frac{5}{7} =$

12. $\frac{4}{9} \times \frac{3}{10} =$

★ stretch

13. $1\frac{1}{2} \times \frac{1}{3} =$

★ stretch

14. $2\frac{1}{4} \times \frac{2}{3} =$

★ stretch

15. A flower bed takes up 3/5 of a garden, and roses fill 1/2 of the flower bed. What fraction of the garden is roses?

★ stretch

16. Jack's walk to school is 7/8 of a mile, and he has walked 2/3 of it so far. How far has he walked?

★ stretch

Answers

Multiplying Fractions

1. $\frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$
2. $\frac{1}{5} \times \frac{1}{2} = \frac{1}{10}$
3. $\frac{2}{3} \times \frac{1}{5} = \frac{2}{15}$
4. $\frac{3}{5} \times \frac{1}{4} = \frac{3}{20}$
5. $\frac{2}{5} \times \frac{2}{3} = \frac{4}{15}$
6. $\frac{1}{2} \times \frac{6}{7} = \frac{6}{14} = \frac{3}{7}$
7. $\frac{3}{4} \times \frac{1}{6} = \frac{3}{24} = \frac{1}{8}$
8. $\frac{4}{5} \times \frac{5}{8} = \frac{20}{40} = \frac{1}{2}$
9. $\frac{5}{6} \times \frac{2}{5} = \frac{10}{30} = \frac{1}{3}$
10. $\frac{3}{8} \times \frac{2}{3} = \frac{6}{24} = \frac{1}{4}$
11. $\frac{7}{10} \times \frac{5}{7} = \frac{35}{70} = \frac{1}{2}$
12. $\frac{4}{9} \times \frac{3}{10} = \frac{12}{90} = \frac{2}{15}$
13. $1\frac{1}{2} \times \frac{1}{3} = \frac{3}{6} = \frac{1}{2}$
14. $2\frac{1}{4} \times \frac{2}{3} = \frac{18}{12} = 1\frac{1}{2}$
15. $\frac{3}{5} \times \frac{1}{2} = \frac{3}{10}$
16. $\frac{7}{8} \times \frac{2}{3} = \frac{14}{24} = \frac{7}{12}$