

Multiplying Fractions

Practice worksheet · KS3 · Years 7 to 9

Name: _____

Date: _____

Work out each answer and give it in its simplest form.

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

9. $\frac{3}{8} \times \frac{4}{5} =$

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

10. $\frac{2}{7} \times \frac{7}{9} =$

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

11. $\frac{5}{6} \times \frac{3}{10} =$

4. $\frac{2}{5} \times \frac{3}{4} =$

12. $\frac{4}{9} \times \frac{3}{8} =$

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

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

stretch

6. $\frac{2}{3} \times \frac{4}{5} =$

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

stretch

7. $\frac{3}{4} \times \frac{2}{5} =$

15. A recipe uses $\frac{3}{4}$ of a cup of flour. You make $\frac{2}{3}$ of the recipe. How much flour do you need?

stretch

8. $\frac{5}{6} \times \frac{2}{3} =$

16. A field is $\frac{5}{6}$ km long and $\frac{3}{4}$ km wide. What is its area?

stretch

Answers

Multiplying Fractions · mark it together

1. $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

2. $\frac{2}{3} \times \frac{1}{4} = \frac{2}{12} = \frac{1}{6}$

3. $\frac{3}{5} \times \frac{1}{2} = \frac{3}{10}$

4. $\frac{2}{5} \times \frac{3}{4} = \frac{6}{20} = \frac{3}{10}$

5. $\frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$

6. $\frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$

7. $\frac{3}{4} \times \frac{2}{5} = \frac{6}{20} = \frac{3}{10}$

8. $\frac{5}{6} \times \frac{2}{3} = \frac{10}{18} = \frac{5}{9}$

9. $\frac{3}{8} \times \frac{4}{5} = \frac{12}{40} = \frac{3}{10}$

10. $\frac{2}{7} \times \frac{7}{9} = \frac{14}{63} = \frac{2}{9}$

11. $\frac{5}{6} \times \frac{3}{10} = \frac{15}{60} = \frac{1}{4}$

12. $\frac{4}{9} \times \frac{3}{8} = \frac{12}{72} = \frac{1}{6}$

13. $1\frac{1}{2} \times \frac{2}{3} = \frac{6}{6} = 1$

14. $\frac{2}{3} \times 1\frac{1}{4} = \frac{10}{12} = \frac{5}{6}$

15. $\frac{3}{4} \times \frac{2}{3} = \frac{6}{12} = \frac{1}{2}$

16. $\frac{5}{6} \times \frac{3}{4} = \frac{15}{24} = \frac{5}{8}$