

Multiplying and Dividing Fractions

Literacy

Sum and define three words associated with fractions. Who can get the largest total?



Skill 1

1) $\frac{1}{5} \times \frac{1}{4} =$

2) $\frac{1}{2} \times \frac{1}{2} =$

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

4) $\frac{2}{5} \times \frac{1}{4} =$

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

6) $\frac{4}{7} \times \frac{2}{3} =$

7) $\frac{3}{8} \times \frac{5}{6} =$

8) $\frac{6}{11} \times \frac{4}{9} =$

9) $\frac{7}{9} \times \frac{7}{8} =$

10) $\frac{4}{3} \times \frac{3}{2} =$

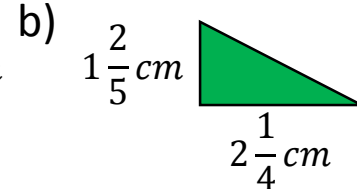
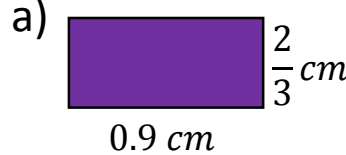
1) $\frac{1}{2} \times \frac{2}{5} \times \frac{3}{4} =$

2) $\frac{4}{5} \times \frac{7}{9} \times \frac{2}{3} =$

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

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

5) Find the area of these shapes.



Stretch 1

Skill 2

1) $\frac{1}{5} \div \frac{1}{4} =$

2) $\frac{1}{2} \div \frac{1}{2} =$

3) $\frac{1}{4} \div \frac{1}{3} =$

4) $\frac{2}{5} \div \frac{1}{4} =$

5) $\frac{3}{4} \div \frac{2}{5} =$

6) $\frac{4}{5} \div \frac{2}{3} =$

7) $\frac{2}{7} \div \frac{5}{6} =$

8) $\frac{5}{8} \div \frac{3}{4} =$

9) $\frac{5}{6} \div \frac{3}{5} =$

10) $\frac{5}{4} \div \frac{3}{7} =$

Multiply Fractions Memory



“Times the tops,
Times the bottoms!”

Example

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

Divide Fractions

K – Keep the first

F – Flip the second

C – Change the sign



Example

$$\frac{6}{7} \div \frac{2}{3} = \frac{6}{7} \times \frac{3}{2} = \frac{18}{14} = \frac{9}{7} = 1\frac{2}{7}$$

Stretch 2

1) $\frac{1}{2} \times \frac{2}{5} \div \frac{3}{4} =$

2) $2\frac{1}{2} \div 3\frac{1}{4} =$

3) $\frac{4}{5} \div \frac{7}{9} \div \frac{2}{3} =$