

Multiply Fractions and Whole Numbers

Find the product. $\frac{3}{8} \times 4$

Step 1 Draw 4 rectangles to represent the factor 4.



Step 2 The denominator of the factor $\frac{3}{8}$ is 8. So, divide the 4 rectangles into 8 equal parts.



Step 3 The numerator of the factor $\frac{3}{8}$ is 3. So, shade 3 of the parts.



Step 4 The 4 rectangles have 3 shaded parts. Each rectangle is divided into 2 equal parts. So, $\frac{3}{2}$ of the rectangles are shaded.

So, $\frac{3}{8} \times 4$ is $\frac{3}{2}$, or $1\frac{1}{2}$.

Find the product.

1 $\frac{5}{12} \times 4 =$ _____ 2 $8 \times \frac{3}{4} =$ _____ 3 $\frac{7}{9} \times 3 =$ _____

4 $5 \times \frac{4}{7} =$ _____ 5 $\frac{9}{10} \times 5 =$ _____ 6 $3 \times \frac{3}{4} =$ _____

7 $\frac{7}{12} \times 6 =$ _____ 8 $12 \times \frac{2}{9} =$ _____ 9 $\frac{2}{9} \times 3 =$ _____