Name

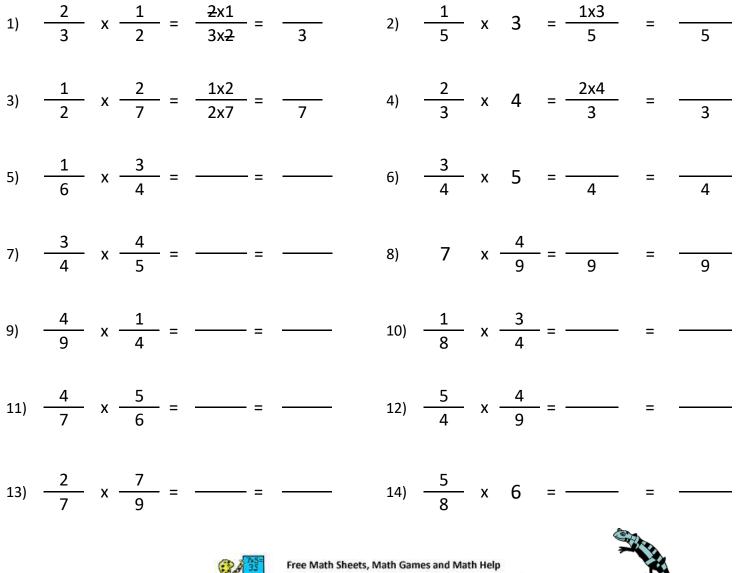
Date

## **MULTIPLYING FRACTIONS SHEET 1**

- To multiply two fractions together, write the product as a single fraction. Next cancel any common factors and finally multiply the two numerators and the two denominators.
- To multiply a fraction by a whole number, simply multiply the numerator by the integer.

Examples 
$$\frac{3}{5} \times \frac{5}{7} = \frac{3x5}{5x7} = \frac{3}{7} = \frac{3}{7} = \frac{2}{5} \times 6 = \frac{2x6}{5} = \frac{12}{5}$$

Multiply these fractions together. Your answer can be left as an improper fraction and does not need to be in simplest form. Remember to cancel common factors.







Name





1) 
$$\frac{2}{3}$$
 x  $\frac{1}{2}$  =  $\frac{2x1}{3x2}$  =  $\frac{1}{3}$   
2)  $\frac{1}{5}$  x 3 =  $\frac{1x3}{5}$  =  $\frac{3}{5}$   
3)  $\frac{1}{2}$  x  $\frac{2}{7}$  =  $\frac{1x2}{2x7}$  =  $\frac{1}{7}$   
4)  $\frac{2}{3}$  x 4 =  $\frac{2x4}{3}$  =  $\frac{8}{3}$   
5)  $\frac{1}{6}$  x  $\frac{3}{4}$  =  $\frac{1x3}{6x4}$  =  $\frac{3}{24}$   
6)  $\frac{3}{4}$  x 5 =  $\frac{3x5}{4}$  =  $\frac{15}{4}$   
7)  $\frac{3}{4}$  x  $\frac{4}{5}$  =  $\frac{3x4}{4x5}$  =  $\frac{3}{5}$   
8) 7 x  $\frac{4}{9}$  =  $\frac{7x4}{9}$  =  $\frac{28}{9}$   
9)  $\frac{4}{9}$  x  $\frac{1}{4}$  =  $\frac{4x1}{9x4}$  =  $\frac{1}{9}$   
10)  $\frac{1}{8}$  x  $\frac{3}{4}$  =  $\frac{1x3}{8x4}$  =  $\frac{3}{32}$   
11)  $\frac{4}{7}$  x  $\frac{5}{6}$  =  $\frac{4x5}{7x6}$  =  $\frac{20}{42}$   
12)  $\frac{5}{4}$  x  $\frac{4}{9}$  =  $\frac{5x4}{4x9}$  =  $\frac{5}{9}$   
13)  $\frac{2}{7}$  x  $\frac{7}{9}$  =  $\frac{2x7}{7x9}$  =  $\frac{2}{9}$   
14)  $\frac{5}{8}$  x 6 =  $\frac{5x6}{8}$  =  $\frac{30}{8}$ 

