

Name _____ Multiplying mixed numbers

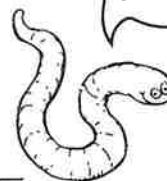
Un-Mix and Multiply

Cross out common factors in the numerator and denominator.
Multiply. Write your answers in the simplest form.

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

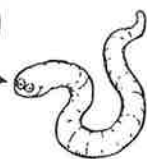
$$2\frac{1}{2} \times 2\frac{2}{3} = 2\frac{1}{\cancel{3}} \times 2\frac{\cancel{2}}{3} = 4\frac{2}{3}$$

$\frac{9}{10} \times 3\frac{1}{3}$



I'll cross out a 3 if you will.

OK!



$$\left(\frac{1}{\cancel{3}} \times \frac{\cancel{3}}{4} = \frac{1}{4}\right)$$

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

$1\frac{3}{5} \times \frac{3}{5}$

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

C. $2\frac{1}{4} \times 5\frac{1}{3}$

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

$2\frac{2}{5} \times 4\frac{5}{6}$

D. $6 \times 3\frac{3}{4}$

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

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

E. $2\frac{3}{5} \times 4\frac{1}{6}$

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

$3\frac{2}{3} \times 3\frac{3}{4}$
