Reteaching Page 5.2 Multiplying Mixed Numbers

To multiply mixed numbers - you have to make improper fractions first.

$$1\frac{5}{8} \times 7 = \frac{13}{8} \times \frac{7}{1} = \frac{91}{8}$$

Now we simplify our product.

 $91 \div 8 = 11 \text{ r} 3 \text{ or } 11 \frac{3}{8}$

The GCF of 3 and 8 is 1 so the answer is in simplest form and the problem is complete.

$$1\frac{5}{8} \times 7 = 11\frac{3}{8}$$

Make each mixed number an improper fraction, look to simplify the problem then multiply each of the following.

Rewrite as improper fractions and multiply.	$2 \frac{5}{9} * 2 =$ $-\frac{9}{9} * -\frac{1}{1} = -\frac{9}{9}$	$2 \frac{1}{6} * \frac{3}{7} =$ Rewrite as improper fractions and multiply. $2 \frac{1}{6} * \frac{3}{7} =$ $-\frac{3}{7} =$
Simplify	23 * 46 = 2 9 = 3 * 3 * 3 GCF = 1	Simplify = = GCF =
Rewrite as improper fractions and multiply.	$1 \frac{1}{2} * 2 \frac{2}{5} =$	$2 \frac{2}{3} * 3 \frac{5}{8} =$ Rewrite as improper fractions and multiply.
Simplify	= = GCF =	Simplify = = GCF =

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