

QUICK TIP!

Hey Kids! Time for a super
fun math lesson, courtesy of
Math Madness!

MULTIPLYING BY MIXED FRACTIONS

To multiply or divide Mixed Fractions:

- Convert each term to an improper fraction
- Multiply or divide.
- Finally, use division to convert the answer back to a mixed fraction if needed.

$$2 \times 2\frac{1}{5} = \frac{2}{1} \times \frac{11}{5} = \frac{2 \times 11}{1 \times 5} = \frac{22}{5} = 4\frac{2}{5}$$

$$7\frac{1}{3} \div 2\frac{1}{4} = \frac{22}{3} \div \frac{9}{4} = \frac{22}{3} \times \frac{4}{9} = \frac{88}{27} = 3\frac{7}{27}$$

**TRY IT: MULTIPLICATION!**

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

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

$$2 \times 1\frac{1}{7} =$$

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

$$7\frac{1}{2} \times 1\frac{1}{6} =$$

$$8\frac{3}{4} \times 2\frac{2}{5} =$$

TRY IT: DIVISION!

$$7\frac{3}{4} \div 1\frac{2}{3} =$$

$$4 \div 3\frac{1}{6} =$$

$$5\frac{1}{4} \div 1\frac{6}{7} =$$

$$13 \div 2\frac{1}{5} =$$

$$6\frac{1}{2} \div 1\frac{1}{4} =$$

$$22 \div 5\frac{1}{2} =$$