

Multiplying Fractions 1 - Whole Numbers and Proper Fractions

Terms to Know

proper fraction - the denominator is greater than the numerator
- has a value less than 1

improper fraction - the denominator is less than the numerator
- has a value greater than 1

mixed number - number made up of a whole number and a fraction

To multiply fractions:

- 1) multiply the numerators
- 2) multiply the denominators
- 3) simplify (state in lowest terms, if possible)

Example 1 - Whole Number x Proper Fraction

a) Determine $3 \times \frac{2}{5}$.

b) What is $\frac{2}{3}$ of 4 ?

Your Turn!!!

c) Calculate $4 \times \frac{3}{7}$.

d) Multiply $\frac{4}{5} \times 2$.

Example 2 - Proper Fraction x Proper Fraction

a) Determine $\frac{2}{3} \times \frac{2}{3}$.

b) What is $\frac{4}{5} \cdot \frac{3}{2}$?

Your Turn!!!

c) Calculate $\frac{1}{3} \cdot \frac{2}{6}$.

d) Multiply $\frac{3}{8} \times \frac{5}{6}$.



Complete the following:

Worksheet - Multiplying Fractions (C)

Check your solutions using the key provided.