DIVIDING
FRACTIONS

REM 538H

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A Teaching Resource From

R P
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BLACKLINE MASTERS

RESEARCH-BASED ACTIVITIES
Supports State & National Standards

This product utilizes innovative strategies and proven methods to improve student learning. The product is based upon reliable research and effective practices that have been replicated in classrooms across the United States. Information regarding the research basis is provided on our website at www.rempub.com/research

OBJECTIVE: Dividing a proper fraction
by a whole number (express
in lowest terms).

$\dfrac{3}{4} \div 12 =$　　　　$\dfrac{4}{9} \div 3 =$　　　　$\dfrac{3}{5} \div 2 =$

$\dfrac{5}{6} \div 3 =$　　　　$\dfrac{5}{9} \div 20 =$　　　　$\dfrac{12}{17} \div 18 =$

$\dfrac{8}{9} \div 24 =$　　　　$\dfrac{5}{6} \div 15 =$　　　　$\dfrac{5}{8} \div 10 =$

$\dfrac{9}{10} \div 12 =$　　　　$\dfrac{4}{7} \div 2 =$　　　　$\dfrac{1}{8} \div 4 =$

$\dfrac{7}{9} \div 11 =$　　　　$\dfrac{1}{7} \div 1 =$　　　　$\dfrac{3}{4} \div 9 =$

$\dfrac{7}{10} \div 3 =$　　　　$\dfrac{9}{10} \div 4 =$　　　　$\dfrac{1}{3} \div 10 =$

OBJECTIVE: Dividing a proper fraction
by a whole number (express
in lowest terms).

$\dfrac{1}{5} \div 3 =$ $\qquad$ $\dfrac{2}{5} \div 2 =$ $\qquad$ $\dfrac{3}{4} \div 2 =$

$\dfrac{3}{4} \div 5 =$ $\qquad$ $\dfrac{3}{7} \div 7 =$ $\qquad$ $\dfrac{2}{5} \div 10 =$

$\dfrac{5}{8} \div 4 =$ $\qquad$ $\dfrac{1}{2} \div 3 =$ $\qquad$ $\dfrac{1}{3} \div 4 =$

$\dfrac{4}{7} \div 2 =$ $\qquad$ $\dfrac{8}{9} \div 2 =$ $\qquad$ $\dfrac{7}{8} \div 7 =$

$\dfrac{1}{10} \div 3 =$ $\qquad$ $\dfrac{1}{4} \div 7 =$ $\qquad$ $\dfrac{8}{9} \div 16 =$

$\dfrac{4}{9} \div 12 =$ $\qquad$ $\dfrac{5}{7} \div 5 =$ $\qquad$ $\dfrac{5}{8} \div 5 =$

OBJECTIVE: Dividing a whole number
by a proper fraction
(express in lowest terms).

$1 \div \dfrac{1}{3} =$

$8 \div \dfrac{2}{3} =$

$4 \div \dfrac{1}{5} =$

$3 \div \dfrac{3}{8} =$

$6 \div \dfrac{3}{7} =$

$2 \div \dfrac{1}{2} =$

$6 \div \dfrac{1}{9} =$

$7 \div \dfrac{1}{4} =$

$6 \div \dfrac{1}{2} =$

$9 \div \dfrac{1}{4} =$

$11 \div \dfrac{1}{5} =$

$2 \div \dfrac{2}{7} =$

$13 \div \dfrac{1}{10} =$

$4 \div \dfrac{1}{8} =$

$7 \div \dfrac{1}{9} =$

$6 \div \dfrac{3}{4} =$

$16 \div \dfrac{4}{5} =$

$21 \div \dfrac{7}{9} =$

OBJECTIVE: Dividing a whole number
by a proper fraction
(express in lowest terms).

$4 \div \dfrac{5}{7} =$

$2 \div \dfrac{3}{4} =$

$7 \div \dfrac{2}{5} =$

$8 \div \dfrac{3}{5} =$

$9 \div \dfrac{7}{8} =$

$1 \div \dfrac{9}{17} =$

$10 \div \dfrac{7}{9} =$

$6 \div \dfrac{7}{11} =$

$2 \div \dfrac{15}{16} =$

$15 \div \dfrac{12}{13} =$

$4 \div \dfrac{8}{11} =$

$10 \div \dfrac{6}{13} =$
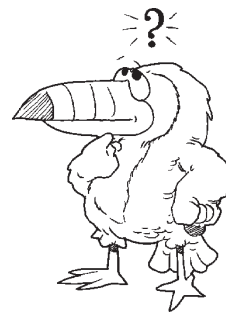
$16 \div \dfrac{10}{11} =$

$8 \div \dfrac{6}{7} =$

$12 \div \dfrac{8}{9} =$

$9 \div \dfrac{15}{16} =$

$15 \div \dfrac{3}{10} =$

$10 \div \dfrac{2}{5} =$

Name_____

OBJECTIVE: Dividing a proper fraction
by a whole number
(express in lowest terms).

5/8 of what number is 35?   _____

3/4 of what number is 12?   _____

2/5 of what number is 8?   _____

3/10 of what number is 21?   _____

11/12 of what number is 66?   _____

4/7 of what number is 12?   _____

4/5 of what number is 20?   _____

5/12 of what number is 10?   _____

2/3 of what number is 12?   _____

5/6 of what number is 15?   _____

3/8 of what number is 36?   _____

7/8 of what number is 28?   _____