

# Fractions: Dividing Fractions and Whole Numbers

Date:

Name:

Solve each problem below. Where appropriate, simplify fully, and rename improper fractions as mixed numbers.

<http://www.learnersgrid.com>

[1]  $\frac{4}{9} \div \frac{1}{11} =$

[2]  $\frac{5}{8} \div \frac{1}{11} =$

[3]  $\frac{7}{10} \div \frac{3}{13} =$

[4]  $\frac{3}{12} \div \frac{3}{14} =$

[5]  $4 \div \frac{5}{9} =$

[6]  $7 \div \frac{2}{12} =$

[7]  $\frac{2}{10} \div 9 =$

[8]  $\frac{2}{13} \div 11 =$

[9]  $\frac{1}{7} \div \frac{3}{4} =$

[10]  $\frac{2}{6} \div \frac{2}{3} =$

[11]  $\frac{3}{11} \div \frac{6}{7} =$

[12]  $\frac{6}{16} \div \frac{7}{8} =$

[13]  $6 \div \frac{4}{7} =$

[14]  $13 \div \frac{3}{15} =$

[15]  $\frac{3}{5} \div 4 =$

[16]  $\frac{4}{7} \div 6 =$

# ANSWERS

## Fractions: Dividing Fractions and Whole Numbers

Date:

Name:

Solve each problem below. Where appropriate, simplify fully, and rename improper fractions as mixed numbers.

<http://www.learnersgrid.com>

[1]  $\frac{4}{9} \div \frac{1}{11} = \frac{44}{9} = 4 \frac{8}{9}$

[2]  $\frac{5}{8} \div \frac{1}{11} = \frac{55}{8} = 6 \frac{7}{8}$

[3]  $\frac{7}{10} \div \frac{3}{13} = \frac{91}{30} = 3 \frac{1}{30}$

[4]  $\frac{3}{12} \div \frac{3}{14} = \frac{7}{6} = 1 \frac{1}{6}$

[5]  $4 \div \frac{5}{9} = \frac{36}{5} = 7 \frac{1}{5}$

[6]  $7 \div \frac{2}{12} = \frac{7}{6} = 1 \frac{1}{6}$

[7]  $\frac{2}{10} \div 9 = \frac{9}{5} = 1 \frac{4}{5}$

[8]  $\frac{2}{13} \div 11 = \frac{22}{13} = 1 \frac{9}{13}$

[9]  $\frac{1}{7} \div \frac{3}{4} = \frac{4}{21}$

[10]  $\frac{2}{6} \div \frac{2}{3} = \frac{1}{2}$

[11]  $\frac{3}{11} \div \frac{6}{7} = \frac{7}{22}$

[12]  $\frac{6}{16} \div \frac{7}{8} = \frac{3}{7}$

[13]  $6 \div \frac{4}{7} = \frac{21}{2} = 10 \frac{1}{2}$

[14]  $13 \div \frac{3}{15} = \frac{13}{5} = 2 \frac{3}{5}$

[15]  $\frac{3}{5} \div 4 = \frac{3}{20}$

[16]  $\frac{4}{7} \div 6 = \frac{2}{21}$