

## Dividing Fractions Worksheet Problems

Name \_\_\_\_\_

Score \_\_\_\_\_

Teacher \_\_\_\_\_

Date \_\_\_\_\_

Divide the following fractions:

<b>1)</b> $\frac{8}{2} \div \frac{4}{2} =$	<b>2)</b> $\frac{2}{5} \div \frac{3}{5} =$	<b>3)</b> $1\frac{2}{3} \div \frac{1}{2} =$	<b>4)</b> $\frac{6}{8} \div \frac{16}{6} =$	<b>5)</b> $\frac{4}{6} \div \frac{6}{4} =$
<b>6)</b> $\frac{13}{9} \div \frac{2}{27} =$	<b>7)</b> $\frac{15}{5} \div \frac{9}{10} =$	<b>8)</b> $\frac{1}{7} \div \frac{4}{14} =$	<b>9)</b> $\frac{3}{12} \div \frac{8}{6} =$	<b>10)</b> $\frac{9}{18} \div \frac{4}{3} =$
<b>11)</b> $\frac{4}{5} \div \frac{5}{2} =$	<b>12)</b> $\frac{14}{18} \div \frac{12}{8} =$	<b>13)</b> $\frac{11}{12} \div \frac{11}{4} =$	<b>14)</b> $2\frac{8}{4} \div \frac{2}{8} =$	<b>15)</b> $4\frac{2}{3} \div \frac{2}{12} =$

Answers:

$$1) \frac{8}{2} \div \frac{4}{2} = 2$$

$$2) \frac{2}{5} \div \frac{3}{5} = \frac{2}{5} \times \frac{5}{3} = \frac{10}{15} = \frac{2}{3}$$

$$3) 1\frac{2}{3} \div \frac{1}{2} = \frac{5}{3} \times \frac{2}{1} = \frac{10}{3} = 3\frac{1}{3}$$

$$4) \frac{6}{8} \div \frac{16}{6} = \frac{6}{8} \times \frac{6}{16} = \frac{36}{128} = \frac{18}{64} = \frac{9}{32}$$

$$5) \frac{4}{6} \div \frac{6}{4} = \frac{4}{6} \times \frac{4}{6} = \frac{16}{36} = \frac{8}{18} = \frac{4}{9}$$

$$6) \frac{13}{9} \div \frac{2}{27} = \frac{13}{9} \times \frac{27}{2} = \frac{351}{18} = \frac{117}{6} = 19\frac{3}{6} = 19\frac{1}{2}$$

$$7) \frac{15}{5} \div \frac{9}{10} = \frac{15}{5} \times \frac{10}{9} = \frac{150}{45} = \frac{50}{15} = 3\frac{5}{15} = 3\frac{1}{3}$$

$$8) \frac{1}{7} \div \frac{4}{14} = \frac{1}{7} \times \frac{14}{4} = \frac{14}{28} = \frac{7}{14} = \frac{1}{2}$$

$$9) \frac{3}{12} \div \frac{8}{6} = \frac{3}{12} \times \frac{6}{8} = \frac{18}{96} = \frac{6}{32} = \frac{3}{16}$$

$$10) \frac{9}{18} \div \frac{4}{3} = \frac{9}{18} \times \frac{3}{4} = \frac{27}{72} = \frac{9}{24} = \frac{3}{8}$$

$$11) \frac{4}{5} \div \frac{5}{2} = \frac{4}{5} \times \frac{2}{5} = \frac{8}{25}$$

$$12) \frac{14}{18} \div \frac{12}{8} = \frac{14}{18} \times \frac{8}{12} = \frac{112}{216} = \frac{56}{108} = \frac{28}{54} = \frac{14}{27}$$

$$13) \frac{11}{12} \div \frac{11}{4} = \frac{11}{12} \times \frac{4}{11} = \frac{44}{132} = \frac{22}{66} = \frac{11}{33} = \frac{1}{3}$$

$$14) 2\frac{8}{4} \div \frac{2}{8} = \frac{16}{4} \times \frac{8}{2} = 4 \times 4 = 16$$

$$15) 4\frac{2}{3} \div \frac{2}{12} = \frac{14}{3} \times \frac{12}{2} = \frac{168}{6} = 28$$

Source: <http://www.digitmath.com>