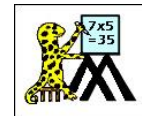


Name

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DIVIDING MIXED FRACTIONS SHEET 3

Divide these fractions.

Your answer can be left as an improper fraction and does not need to be simplified.

$$1) 2\frac{1}{4} \div \frac{1}{3} = \frac{\quad}{4} \times \frac{\quad}{1} = \frac{\quad}{4} \quad 2) 1\frac{2}{5} \div 3 = \frac{\quad}{5} \times \frac{\quad}{3} = \frac{\quad}{15}$$

$$3) 3\frac{1}{2} \div \frac{2}{5} = \frac{\quad}{2} \times \frac{\quad}{5} = \frac{\quad}{10} \quad 4) 1\frac{2}{7} \div \frac{5}{6} = \frac{\quad}{7} \times \frac{\quad}{5} = \frac{\quad}{35}$$

$$5) 2\frac{3}{4} \div 1\frac{2}{3} = \frac{\quad}{4} \times \frac{\quad}{3} = \frac{\quad}{12} \quad 6) 2\frac{2}{7} \div 1\frac{2}{3} = \frac{\quad}{7} \times \frac{\quad}{3} = \frac{\quad}{21}$$

$$7) 4\frac{2}{5} \div 3 = \frac{\quad}{5} \times \frac{\quad}{3} = \frac{\quad}{15} \quad 8) 2\frac{1}{6} \div 1\frac{1}{3} = \frac{\quad}{6} \times \frac{\quad}{3} = \frac{\quad}{18}$$

$$9) \frac{5}{8} \div 2\frac{1}{3} = \frac{5}{8} \times \frac{\quad}{3} = \frac{\quad}{24} \quad 10) 5\frac{1}{4} \div 5 = \frac{\quad}{4} \times \frac{\quad}{5} = \frac{\quad}{20}$$

$$11) 3\frac{1}{3} \div 2\frac{1}{5} = \frac{\quad}{3} \times \frac{\quad}{5} = \frac{\quad}{15} \quad 12) 2\frac{3}{4} \div 1\frac{2}{5} = \frac{\quad}{4} \times \frac{\quad}{5} = \frac{\quad}{20}$$

$$13) 7\frac{2}{5} \div 6 = \frac{\quad}{5} \times \frac{\quad}{6} = \frac{\quad}{30} \quad 14) 1\frac{3}{8} \div 1\frac{2}{7} = \frac{\quad}{8} \times \frac{\quad}{7} = \frac{\quad}{56}$$

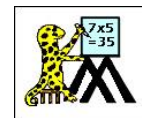
$$15) 3\frac{1}{4} \div 1\frac{4}{5} = \frac{\quad}{4} \times \frac{\quad}{5} = \frac{\quad}{20} \quad 16) 2\frac{1}{7} \div 1\frac{3}{4} = \frac{\quad}{7} \times \frac{\quad}{4} = \frac{\quad}{28}$$

$$17) 2\frac{2}{3} \div \frac{3}{4} = \frac{\quad}{3} \times \frac{\quad}{4} = \frac{\quad}{12} \quad 18) 3\frac{1}{3} \div 2\frac{1}{4} = \frac{\quad}{3} \times \frac{\quad}{4} = \frac{\quad}{12}$$

$$19) 5\frac{1}{4} \div 1\frac{1}{3} = \frac{\quad}{4} \times \frac{\quad}{3} = \frac{\quad}{12} \quad 20) 2\frac{4}{5} \div \frac{1}{6} = \frac{\quad}{5} \times \frac{\quad}{6} = \frac{\quad}{30}$$

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DIVIDING MIXED FRACTIONS SHEET 3 ANSWERS

$$1) \quad 2\frac{1}{4} \div \frac{1}{3} = \frac{9}{4} \times \frac{3}{1} = \frac{27}{4} \quad 2) \quad 1\frac{2}{5} \div 3 = \frac{7}{5} \times \frac{1}{3} = \frac{7}{15}$$

$$3) \quad 3\frac{1}{2} \div \frac{2}{5} = \frac{7}{2} \times \frac{5}{2} = \frac{35}{4} \quad 4) \quad 1\frac{2}{7} \div \frac{5}{6} = \frac{9}{7} \times \frac{6}{5} = \frac{54}{35}$$

$$5) \quad 2\frac{3}{4} \div 1\frac{2}{3} = \frac{11}{4} \times \frac{3}{5} = \frac{33}{20} \quad 6) \quad 2\frac{2}{7} \div 1\frac{2}{3} = \frac{16}{7} \times \frac{3}{5} = \frac{48}{35}$$

$$7) \quad 4\frac{2}{5} \div 3 = \frac{22}{5} \times \frac{1}{3} = \frac{22}{15} \quad 8) \quad 2\frac{1}{6} \div 1\frac{1}{3} = \frac{13}{6} \times \frac{3}{4} = \frac{39}{24}$$

$$9) \quad \frac{5}{8} \div 2\frac{1}{3} = \frac{5}{8} \times \frac{3}{7} = \frac{15}{56} \quad 10) \quad 5\frac{1}{4} \div 5 = \frac{21}{4} \times \frac{1}{5} = \frac{21}{20}$$

$$11) \quad 3\frac{1}{3} \div 2\frac{1}{5} = \frac{10}{3} \times \frac{5}{11} = \frac{50}{33} \quad 12) \quad 2\frac{3}{4} \div 1\frac{2}{5} = \frac{11}{4} \times \frac{5}{7} = \frac{55}{28}$$

$$13) \quad 7\frac{2}{5} \div 6 = \frac{37}{5} \times \frac{1}{6} = \frac{37}{30} \quad 14) \quad 1\frac{3}{8} \div 1\frac{2}{7} = \frac{11}{8} \times \frac{7}{9} = \frac{77}{72}$$

$$15) \quad 3\frac{1}{4} \div 1\frac{4}{5} = \frac{13}{4} \times \frac{5}{9} = \frac{65}{36} \quad 16) \quad 2\frac{1}{7} \div 1\frac{3}{4} = \frac{15}{7} \times \frac{4}{7} = \frac{60}{49}$$

$$17) \quad 2\frac{2}{3} \div \frac{3}{4} = \frac{8}{3} \times \frac{4}{3} = \frac{32}{9} \quad 18) \quad 3\frac{1}{3} \div 2\frac{1}{4} = \frac{10}{3} \times \frac{4}{9} = \frac{40}{27}$$

$$19) \quad 5\frac{1}{4} \div 1\frac{1}{3} = \frac{21}{4} \times \frac{3}{4} = \frac{63}{16} \quad 20) \quad 2\frac{4}{5} \div \frac{1}{6} = \frac{14}{5} \times \frac{6}{1} = \frac{84}{5}$$