

Name: _____ Date: _____ Score: _____

Divide a mixed number by a whole number

$$1). \quad 4 \frac{1}{5} \div 4 = \frac{21}{5} \div \frac{4}{1} = \frac{21}{5} \times \frac{1}{4} = \frac{21 \times 1}{5 \times 4} = \frac{21}{20} = 1 \frac{1}{20}$$

$$2). \quad 5 \frac{1}{2} \div 5 =$$

$$3). \quad 4 \frac{1}{5} \div 1 =$$

$$4). \quad 4 \frac{1}{2} \div 2 =$$

$$5). \quad 2 \frac{1}{2} \div 3 =$$

$$6). \quad 2 \frac{1}{2} \div 4 =$$

$$7). \quad 5 \frac{1}{4} \div 5 =$$

Answers

$$1). \quad 4 \frac{1}{5} \div 4 = \frac{21}{5} \div \frac{4}{1} = \frac{21}{5} \times \frac{1}{4} = \frac{21 \times 1}{5 \times 4} = \frac{21}{20} = 1 \frac{1}{20}$$

$$2). \quad 5 \frac{1}{2} \div 5 = \frac{11}{2} \div \frac{5}{1} = \frac{11}{2} \times \frac{1}{5} = \frac{11 \times 1}{2 \times 5} = \frac{11}{10} = 1 \frac{1}{10}$$

$$3). \quad 4 \frac{1}{5} \div 1 = \frac{21}{5} \div \frac{1}{1} = \frac{21}{5} \times \frac{1}{1} = \frac{21 \times 1}{5 \times 1} = \frac{21}{5} = 4 \frac{1}{5}$$

$$4). \quad 4 \frac{1}{2} \div 2 = \frac{9}{2} \div \frac{2}{1} = \frac{9}{2} \times \frac{1}{2} = \frac{9 \times 1}{2 \times 2} = \frac{9}{4} = 2 \frac{1}{4}$$

$$5). \quad 2 \frac{1}{2} \div 3 = \frac{5}{2} \div \frac{3}{1} = \frac{5}{2} \times \frac{1}{3} = \frac{5 \times 1}{2 \times 3} = \frac{5}{6}$$

$$6). \quad 2 \frac{1}{2} \div 4 = \frac{5}{2} \div \frac{4}{1} = \frac{5}{2} \times \frac{1}{4} = \frac{5 \times 1}{2 \times 4} = \frac{5}{8}$$

$$7). \quad 5 \frac{1}{4} \div 5 = \frac{21}{4} \div \frac{5}{1} = \frac{21}{4} \times \frac{1}{5} = \frac{21 \times 1}{4 \times 5} = \frac{21}{20} = 1 \frac{1}{20}$$