

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

### Divide a mixed number by a whole number

$$1). \quad 4 \frac{1}{2} \div 3 = \frac{9}{2} \div \frac{3}{1} = \frac{9}{2} \times \frac{1}{3} = \frac{9 \times 1}{2 \times 3} = \frac{9}{6} = 1 \frac{3}{6} = 1 \frac{1}{2}$$

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

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

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

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

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

$$7). \quad 3 \frac{1}{5} \div 4 =$$

## Answers

$$1). \quad 4 \frac{1}{2} \div 3 = \frac{9}{2} \div \frac{3}{1} = \frac{9}{2} \times \frac{1}{3} = \frac{9 \times 1}{2 \times 3} = \frac{9}{6} = 1 \frac{3}{6} = 1 \frac{1}{2}$$

$$2). \quad 1 \frac{1}{5} \div 4 = \frac{6}{5} \div \frac{4}{1} = \frac{6}{5} \times \frac{1}{4} = \frac{6 \times 1}{5 \times 4} = \frac{6}{20}$$

$$3). \quad 5 \frac{1}{5} \div 5 = \frac{26}{5} \div \frac{5}{1} = \frac{26}{5} \times \frac{1}{5} = \frac{26 \times 1}{5 \times 5} = \frac{26}{25} = 1 \frac{1}{25}$$

$$4). \quad 2 \frac{1}{5} \div 1 = \frac{11}{5} \div \frac{1}{1} = \frac{11}{5} \times \frac{1}{1} = \frac{11 \times 1}{5 \times 1} = \frac{11}{5} = 2 \frac{1}{5}$$

$$5). \quad 3 \frac{1}{5} \div 2 = \frac{16}{5} \div \frac{2}{1} = \frac{16}{5} \times \frac{1}{2} = \frac{16 \times 1}{5 \times 2} = \frac{16}{10} = 1 \frac{6}{10} = 1 \frac{3}{5}$$

$$6). \quad 3 \frac{1}{3} \div 3 = \frac{10}{3} \div \frac{3}{1} = \frac{10}{3} \times \frac{1}{3} = \frac{10 \times 1}{3 \times 3} = \frac{10}{9} = 1 \frac{1}{9}$$

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