

Fraction Division

Dividing Wholes by Fractions - May Cross-Reduce

Name: _____ Date: _____



Divide.

(1) $5 \div \frac{1}{2} =$

(2) $2 \div \frac{1}{2} =$

(3) $6 \div \frac{3}{4} =$

(4) $5 \div \frac{1}{6} =$

(5) $4 \div \frac{8}{9} =$

(6) $6 \div \frac{1}{4} =$

(7) $5 \div \frac{4}{9} =$

(8) $5 \div \frac{2}{3} =$

(9) $2 \div \frac{3}{5} =$

(10) $3 \div \frac{3}{7} =$

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ANSWER KEY

 Divide.

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

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

$$(3) \quad 6 \div \frac{3}{4} = \frac{6}{1} \div \frac{3}{4} = \frac{6}{1} \times \frac{4}{3} = \frac{8}{1} = 8$$

$$(4) \quad 5 \div \frac{1}{6} = \frac{5}{1} \div \frac{1}{6} = \frac{5}{1} \times \frac{6}{1} = \frac{30}{1} = 30$$

$$(5) \quad 4 \div \frac{8}{9} = \frac{4}{1} \div \frac{8}{9} = \frac{4}{1} \times \frac{9}{8} = \frac{9}{2} = 4\frac{1}{2}$$

$$(6) \quad 6 \div \frac{1}{4} = \frac{6}{1} \div \frac{1}{4} = \frac{6}{1} \times \frac{4}{1} = \frac{24}{1} = 24$$

$$(7) \quad 5 \div \frac{4}{9} = \frac{5}{1} \div \frac{4}{9} = \frac{5}{1} \times \frac{9}{4} = \frac{45}{4} = 11\frac{1}{4}$$

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

$$(9) \quad 2 \div \frac{3}{5} = \frac{2}{1} \div \frac{3}{5} = \frac{2}{1} \times \frac{5}{3} = \frac{10}{3} = 3\frac{1}{3}$$

$$(10) \quad 3 \div \frac{3}{7} = \frac{3}{1} \div \frac{3}{7} = \frac{3}{1} \times \frac{7}{3} = \frac{7}{1} = 7$$