

Fraction Division

Dividing Fractions by Wholes and Wholes by Fractions

Name: _____ Date: _____

 Divide.

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

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

(3) $\frac{2}{3} \div 7 =$

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

(5) $8 \div \frac{1}{2} =$

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

(7) $4 \div \frac{1}{4} =$

(8) $\frac{8}{15} \div 3 =$

(9) $4 \div \frac{1}{6} =$

(10) $8 \div \frac{6}{11} =$

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ANSWER KEY

 Divide.

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

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

$$(3) \quad \frac{2}{3} \div 7 = \frac{2}{3} \div \frac{7}{1} = \frac{2}{3} \times \frac{1}{7} = \frac{2}{21}$$

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

$$(5) \quad 8 \div \frac{1}{2} = \frac{8}{1} \div \frac{1}{2} = \frac{8}{1} \times \frac{2}{1} = \frac{16}{1} = 16$$

$$(6) \quad \frac{1}{2} \div 5 = \frac{1}{2} \div \frac{5}{1} = \frac{1}{2} \times \frac{1}{5} = \frac{1}{10}$$

$$(7) \quad 4 \div \frac{1}{4} = \frac{4}{1} \div \frac{1}{4} = \frac{4}{1} \times \frac{4}{1} = \frac{16}{1} = 16$$

$$(8) \quad \frac{8}{15} \div 3 = \frac{8}{15} \div \frac{3}{1} = \frac{8}{15} \times \frac{1}{3} = \frac{8}{45}$$

$$(9) \quad 4 \div \frac{1}{6} = \frac{4}{1} \div \frac{1}{6} = \frac{4}{1} \times \frac{6}{1} = \frac{24}{1} = 24$$

$$(10) \quad 8 \div \frac{6}{11} = \frac{8}{1} \div \frac{6}{11} = \frac{8}{1} \times \frac{11}{6} = \frac{44}{3} = 14\frac{2}{3}$$