

**Dividing Fractions Homework****Part A**

$$\frac{2}{5} \div \frac{4}{5} = \boxed{\phantom{000}}$$

$$\frac{8}{15} \div \frac{5}{6} = \boxed{\phantom{000}}$$

$$\frac{1}{7} \div \frac{2}{9} = \boxed{\phantom{000}}$$

$$\frac{4}{14} \div \frac{7}{8} = \boxed{\phantom{000}}$$

$$\frac{3}{4} \div \frac{1}{2} = \boxed{\phantom{000}}$$

$$\frac{2}{3} \div \frac{10}{13} = \boxed{\phantom{000}}$$

$$\frac{10}{8} \div \frac{1}{6} = \boxed{\phantom{000}}$$

$$\frac{4}{11} \div \frac{8}{3} = \boxed{\phantom{000}}$$

$$\frac{5}{2} \div \frac{4}{2} = \boxed{\phantom{000}}$$

**Part B**

$$\frac{2}{3} \div 4 = \boxed{\phantom{000}}$$

$$\frac{6}{9} \div 3 = \boxed{\phantom{000}}$$

$$5 \div \frac{1}{6} = \boxed{\phantom{000}}$$

$$7 \div \frac{7}{9} = \boxed{\phantom{000}}$$

$$\frac{9}{11} \div 36 = \boxed{\phantom{000}}$$

$$12 \div \frac{4}{5} = \boxed{\phantom{000}}$$

**Part C**

$4\frac{6}{7} \div 2 = \boxed{\phantom{000}}$

$5 \div 7\frac{1}{2} = \boxed{\phantom{000}}$

$9\frac{3}{4} \div 26 = \boxed{\phantom{000}}$

$3\frac{6}{7} \div 6 = \boxed{\phantom{000}}$

$8 \div 1\frac{1}{5} = \boxed{\phantom{000}}$

$2\frac{4}{5} \div 10 = \boxed{\phantom{000}}$

**Part D**

$2\frac{3}{5} \div 3\frac{2}{5} = \boxed{\phantom{000}}$

$1\frac{7}{8} \div 1\frac{3}{7} = \boxed{\phantom{000}}$

$4\frac{4}{7} \div 2\frac{4}{7} = \boxed{\phantom{000}}$

$9\frac{1}{6} \div 2\frac{5}{8} = \boxed{\phantom{000}}$

$5\frac{2}{3} \div 4\frac{1}{5} = \boxed{\phantom{000}}$

$6\frac{1}{2} \div 3\frac{1}{4} = \boxed{\phantom{000}}$

**Describe an algorithm you can use to divide any two fractions, including mixed numbers.**

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