

Name : _____

Solve

Like fractions: S1

Find the value of the variable in each problem.

$$1) \quad \frac{25}{18} - \frac{19}{18} = \frac{1}{b}$$

$$b = \square$$

$$2) \quad 6\frac{p}{7} - 2\frac{2}{7} = \frac{32}{7}$$

$$p = \square$$

$$3) \quad \frac{5}{2} - \frac{n}{2} = 2$$

$$n = \square$$

$$4) \quad 3\frac{11}{14} - \frac{9}{x} = 3\frac{1}{7}$$

$$x = \square$$

$$5) \quad \frac{18}{20} - \frac{13}{20} = \frac{r}{4}$$

$$r = \square$$

$$6) \quad \frac{17}{9} - \frac{m}{9} = \frac{5}{9}$$

$$m = \square$$

$$7) \quad 8\frac{11}{15} - 6\frac{9}{15} = \frac{32}{d}$$

$$d = \square$$

$$8) \quad \frac{y}{4} - 1\frac{1}{4} = 1\frac{1}{4}$$

$$y = \square$$

$$9) \quad \frac{21}{19} - \frac{c}{19} = \frac{3}{19}$$

$$c = \square$$

$$10) \quad \frac{5}{6} - \frac{2}{6} = \frac{a}{2}$$

$$a = \square$$

Name : _____

Answer Key

Solve

Like fractions: S1

Find the value of the variable in each problem.

$$1) \quad \frac{25}{18} - \frac{19}{18} = \frac{1}{b}$$

$$b = \boxed{3}$$

$$2) \quad 6\frac{p}{7} - 2\frac{2}{7} = \frac{32}{7}$$

$$p = \boxed{6}$$

$$3) \quad \frac{5}{2} - \frac{n}{2} = 2$$

$$n = \boxed{1}$$

$$4) \quad 3\frac{11}{14} - \frac{9}{x} = 3\frac{1}{7}$$

$$x = \boxed{14}$$

$$5) \quad \frac{18}{20} - \frac{13}{20} = \frac{r}{4}$$

$$r = \boxed{1}$$

$$6) \quad \frac{17}{9} - \frac{m}{9} = \frac{5}{9}$$

$$m = \boxed{12}$$

$$7) \quad 8\frac{11}{15} - 6\frac{9}{15} = \frac{32}{d}$$

$$d = \boxed{15}$$

$$8) \quad \frac{y}{4} - 1\frac{1}{4} = 1\frac{1}{4}$$

$$y = \boxed{10}$$

$$9) \quad \frac{21}{19} - \frac{c}{19} = \frac{3}{19}$$

$$c = \boxed{18}$$

$$10) \quad \frac{5}{6} - \frac{2}{6} = \frac{a}{2}$$

$$a = \boxed{1}$$