

Name : _____

Solve

Unlike fractions: S5

Find the value of the variable in each problem.

1) $4\frac{4}{5} + \frac{16}{15} = 5\frac{b}{15}$ $b = \square$

2) $3\frac{7}{12} + \frac{3}{z} = \frac{13}{3}$ $z = \square$

3) $\frac{3}{8} + \frac{19}{7} = \frac{7}{\square}$

4) $\frac{4}{y} + \frac{19}{7} = \frac{7}{\square}$

5) $2\frac{13}{16} + \frac{19}{7} = \frac{7}{\square}$

6) $\frac{12}{11} + \frac{19}{7} = \frac{7}{\square}$

7) $\frac{c}{3} + \frac{19}{7} = \frac{7}{\square}$

8) $3\frac{1}{2} + \frac{19}{4} = \frac{7}{\square}$

9) $\frac{5}{24} + \frac{5}{p} = \frac{25}{24}$ $p = \square$

10) $\frac{23}{20} + \frac{9}{10} = 2\frac{d}{20}$ $d = \square$

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Solve

Find the value of the variable in each problem.

$$1) \quad 4\frac{4}{5} + \frac{16}{15} = 5\frac{b}{15} \quad b = \boxed{13}$$

$$2) \quad 3\frac{7}{12} + \frac{3}{z} = \frac{13}{3} \quad z = \boxed{4}$$

$$3) \quad \frac{3}{8} + \frac{19}{7} = \frac{5}{4} \quad \text{Answer: } \boxed{5}$$

$$4) \quad \frac{4}{y} + \frac{1}{2} = \frac{3}{2} \quad \text{Answer: } \boxed{3}$$

$$5) \quad 2\frac{13}{16} + \frac{1}{4} = \frac{11}{4} \quad \text{Answer: } \boxed{1}$$

$$6) \quad \frac{12}{11} + \frac{1}{11} = \frac{9}{11} \quad \text{Answer: } \boxed{9}$$

$$7) \quad \frac{c}{3} + \frac{1}{3} = \frac{7}{3} \quad \text{Answer: } \boxed{7}$$

$$8) \quad 3\frac{1}{2} + \frac{1}{4} = 3\frac{5}{4} \quad \text{Answer: } \boxed{5}$$

$$9) \quad \frac{5}{24} + \frac{5}{p} = \frac{25}{24} \quad p = \boxed{6}$$

$$10) \quad \frac{23}{20} + \frac{9}{10} = 2\frac{d}{20} \quad d = \boxed{1}$$

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