

Name : _____

Solve

Like fractions: S2

Find the value of the variable in each problem.

1) $6\frac{1}{3} + \frac{4}{3} = 7\frac{z}{3}$ $z =$

2) $\frac{13}{18} + \frac{15}{18} = \frac{14}{p}$ $p =$

3) $\frac{14}{12} + \frac{x}{21} = \frac{21}{12}$

4) $4\frac{m}{7} + \frac{1}{7} = 4\frac{1}{7}$

5) $\frac{13}{15} + \frac{2}{15} = \frac{15}{15}$

6) $\frac{7}{8} + \frac{1}{8} = \frac{8}{8}$

7) $\frac{12}{10} + \frac{2}{10} = \frac{14}{10}$

8) $5\frac{y}{4} + \frac{1}{4} = 5\frac{1}{4}$

9) $1\frac{15}{16} + \frac{12}{16} = \frac{d}{16}$ $d =$

10) $\frac{10}{11} + \frac{q}{11} = \frac{23}{11}$ $q =$

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Solve

Like fractions: S2

Find the value of the variable in each problem.

$$1) \quad 6\frac{1}{3} + \frac{4}{3} = 7\frac{z}{3} \quad z = \boxed{2}$$

$$2) \quad \frac{13}{18} + \frac{15}{18} = \frac{14}{p} \quad p = \boxed{9}$$

$$3) \quad \frac{14}{12} + \frac{x}{21} = \frac{21}{7} \quad \boxed{7}$$

$$4) \quad 4\frac{m}{7} + \frac{1}{7} = \frac{28}{7} \quad \boxed{2}$$

$$5) \quad \frac{13}{15} + \frac{2}{15} = \frac{5}{5} \quad \boxed{5}$$

$$6) \quad \frac{7}{8} + \frac{1}{8} = \frac{9}{8} \quad \boxed{9}$$

$$7) \quad \frac{12}{10} + \frac{1}{10} = \frac{3}{1} \quad \boxed{3}$$

$$8) \quad 5\frac{y}{4} + \frac{1}{4} = \frac{21}{4} \quad \boxed{3}$$

$$9) \quad 1\frac{15}{16} + \frac{12}{16} = \frac{d}{16} \quad d = \boxed{43}$$

$$10) \quad \frac{10}{11} + \frac{q}{11} = \frac{23}{11} \quad q = \boxed{13}$$

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