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Solve simultaneous equations

1
$$b = \frac{2}{4}a + 2$$
$$b = \frac{a + 4}{5}$$
a = ☐   b = ☐

2
$$x = \frac{4}{6}y + 4$$
$$x = \frac{y + 6}{2}$$
x = ☐   y = ☐

3
$$y = \frac{5}{7}a + 9$$
$$y = \frac{a + 7}{7}$$
a = ☐   y = ☐

4
$$y = \frac{1}{3}b + 9$$
$$y = \frac{b + 7}{2}$$
b = ☐   y = ☐

5
$$x = \frac{2}{4}b + 7$$
$$x = \frac{b + 8}{6}$$
b = ☐   x = ☐

6
$$b = \frac{1}{3}x + 3$$
$$b = \frac{x + 8}{1}$$
b = ☐   x = ☐

7
$$y = \frac{3}{5}b + 5$$
$$y = \frac{b + 9}{3}$$
b = ☐   y = ☐

8
$$y = \frac{3}{5}x + 8$$
$$y = \frac{x + 6}{5}$$
x = ☐   y = ☐

9
$$b = \frac{3}{5}x + 7$$
$$b = \frac{x + 2}{6}$$
b = ☐   x = ☐

10
$$a = \frac{1}{3}y + 2$$
$$a = \frac{y + 3}{9}$$
a = ☐   y = ☐

11
$$a = \frac{4}{6}y + 2$$
$$a = \frac{y + 6}{4}$$
a = ☐   y = ☐

12
$$x = \frac{3}{5}b + 3$$
$$x = \frac{b + 6}{5}$$
b = ☐   x = ☐

✕

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Solve simultaneous equations

1 ✓

$b = \dfrac{2}{4}a + 2$

$b = \dfrac{a + 4}{5}$

$a = \boxed{-4}$ $b = \boxed{0}$

2 ✓

$x = \dfrac{4}{6}y + 4$

$x = \dfrac{y + 6}{2}$

$x = \boxed{0}$ $y = \boxed{-6}$

3 ✓

$y = \dfrac{5}{7}a + 9$

$y = \dfrac{a + 7}{7}$

$a = \boxed{-14}$ $y = \boxed{-1}$

4 ✓

$y = \dfrac{1}{3}b + 9$

$y = \dfrac{b + 7}{2}$

$b = \boxed{33}$ $y = \boxed{20}$

5 ✓

$x = \dfrac{2}{4}b + 7$

$x = \dfrac{b + 8}{6}$

$b = \boxed{-17}$ $x = \boxed{-1.5}$

6 ✓

$b = \dfrac{1}{3}x + 3$

$b = \dfrac{x + 8}{1}$

$b = \boxed{0.5}$ $x = \boxed{-7.5}$

7 ✓

$y = \dfrac{3}{5}b + 5$

$y = \dfrac{b + 9}{3}$

$b = \boxed{-7.5}$ $y = \boxed{0.5}$

8 ✓

$y = \dfrac{3}{5}x + 8$

$y = \dfrac{x + 6}{5}$

$x = \boxed{-17}$ $y = \boxed{-2.2}$

9 ✓

$b = \dfrac{3}{5}x + 7$

$b = \dfrac{x + 2}{6}$

$b = \boxed{-2.23}$ $x = \boxed{-15.3}$

10 ✓

$a = \dfrac{1}{3}y + 2$

$a = \dfrac{y + 3}{9}$

$a = \boxed{-0.5}$ $y = \boxed{-7.5}$

11 ✓

$a = \dfrac{4}{6}y + 2$

$a = \dfrac{y + 6}{4}$

$a = \boxed{1.2}$ $y = \boxed{-1.2}$

12 ✓

$x = \dfrac{3}{5}b + 3$

$x = \dfrac{b + 6}{5}$

$b = \boxed{-4.5}$ $x = \boxed{0.3}$