24th, March. 2020

Answers for Tuesday activity

a) $\frac{a}{6} + 4 = 6$

$\frac{a}{6} + 4 - 4 = 6 - 4$

$\frac{a}{6} + 0 = 2$

$\cancel{6} \times \frac{a}{\cancel{6}_1} = 2 \times 6$

$a = 12$

b) $\frac{1}{2}h + 9 = 5$

$\frac{1}{2}h + 9 - 9 = 5 - 9$

$\frac{1}{2}h + 0 = -4$

$\cancel{2}^1 \times \frac{1}{\cancel{2}_1}h = -4 \times 2$

$h = -8$

c) $\frac{3y}{8} + 3 = 6$

$\frac{3y}{8} + 3 - 3 = 6 - 3$

$\frac{3y}{8} + 0 = 3$

$\cancel{8}^1 \times \frac{3}{\cancel{8}_1}y = 3 \times 8$

$\frac{3y}{3} = \frac{8 \times 8}{3_1}$

$y = 8$

d) $\frac{3}{4}n + 2 = 8$

$\frac{3}{4}n + 2 - 2 = 8 - 2$

$\frac{3}{4}n + 0 = 6$

$\frac{3}{4}n = 6 \times 4$

$\frac{3n}{3} = \frac{6 \times 4}{3}$

$n = 8$ ✓

e

$2\frac{1}{2}a + 6 = 16$

$\frac{5}{2}a + 6 = 16$

$\frac{5}{2}a + 6 - 6 = 16 - 6$

$\frac{5}{2}a + 0 = 10$

$\frac{5}{2}a = 10 \times 2$

$\frac{5a}{5} = \frac{10 \times 2}{5}$

$a = 4$

f

$\frac{3}{4}x + \frac{1}{2} = 5$

$\frac{3}{4}x + \frac{1}{2} - \frac{1}{2} = \frac{5}{1} - \frac{1}{2}$

$\frac{3}{4}x = \frac{2 \times 5 - 1 \times 1}{2}$

$\frac{3}{4}x = \frac{10 - 1}{2}$

$\frac{3x}{4} = \frac{9}{2}$

$2 \times 3x = 4 \times 9$

$\frac{6x}{6} = \frac{4 \times 9^{3}}{6_{1}}$

$x = 6$ ✓