Two-Step Equations | Solve and Verify

Solve each equation and verify your answer.

1) $\dfrac{4}{3} - 4\dfrac{3}{4}s = \dfrac{1}{2}$

$s = \underline{\quad \dfrac{10}{57} \quad}$

2) $-4.3r + 8.6 = 6.7 - 3.3r$

$r = \underline{\quad \mathbf{1.9} \quad}$

3) $\dfrac{1.9 + p}{2.4} = 3$

$p = \underline{\quad \mathbf{5.3} \quad}$

4) $-3(n + 5) = -6$

$n = \underline{\quad \mathbf{-3} \quad}$

5) $\dfrac{7}{5}z - \dfrac{3}{4} = \dfrac{1}{5}$

$z = \underline{\quad \dfrac{19}{28} \quad}$

6) $\dfrac{9}{8}(4 + y) = 36$

$y = \underline{\quad \mathbf{28} \quad}$

7) $28 = 4 - 6w$

$w = \underline{\quad \mathbf{-4} \quad}$

8) $\dfrac{2}{5} = \dfrac{6}{5}\left(\dfrac{4}{3} + h\right)$

$h = \underline{\quad \mathbf{-1} \quad}$

9) $2.4a - 8.7 = 11.7$

$a = \underline{\quad \mathbf{8.5} \quad}$

10) $0.1(k - 4) = 5.6$

$k = \underline{\quad \mathbf{60} \quad}$