

Name : _____

Two-Step Equations Worksheet

Solve the following equations. Show all steps.

<p>① $\frac{k}{-3} + 3 = -2$</p> <p>$k =$</p>	<p>② $\frac{p}{8} + 8 = 64$</p> <p>$p =$</p>
<p>③ $7w + 2 = -26$</p> <p>$w =$</p>	<p>④ $\frac{f-4}{6} = 124$</p> <p>$f =$</p>
<p>⑤ $-4 + \frac{5}{4}g = 1$</p> <p>$g =$</p>	<p>⑥ $\frac{x-10}{3} = -6$</p> <p>$x =$</p>

- ⑦ Jill sold half her story books and then bought 16 more. She now has 36 books. How many story books did she have initially?

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Answers.

<p>① $\frac{k}{-3} + 3 = -2$</p> <p>$k = \underline{15}$</p>	<p>② $\frac{p}{8} + 8 = 64$</p> <p>$p = \underline{448}$</p>
<p>③ $7w + 2 = -26$</p> <p>$w = \underline{4}$</p>	<p>④ $\frac{f-4}{6} = 124$</p> <p>$f = \underline{748}$</p>
<p>⑤ $-4 + \frac{5}{4}g = 1$</p> <p>$g = \underline{4}$</p>	<p>⑥ $\frac{x-10}{3} = -6$</p> <p>$x = \underline{-8}$</p>

- ⑦ Jill sold half her story books and then bought 16 more. She now has 36 books. How many story books did she have initially?

Ans: 40