

Name : .....

Date : .....

## Two-Step Equations Integers Worksheet

Solve the equations.

①  $4x - 8 = 16$

$x = \dots\dots\dots$

②  $6m - 8 = 16$

$m = \dots\dots\dots$

③  $\frac{2}{3}x - 9 = -1$

④  $\frac{x}{2} + 7 = 1$

$x = \dots\dots\dots$

$x = \dots\dots\dots$

⑤  $\frac{r-1}{5} = 0$

⑥  $\frac{e+8}{10} = \frac{3}{3}$

$r = \dots\dots\dots$

$e = \dots\dots\dots$

⑦  $\frac{1}{6}q - 1 = 5$

⑧  $6 = \frac{x}{4} + 2$

$q = \dots\dots\dots$

$x = \dots\dots\dots$

⑨  $-3(r - 7) = -24$

⑩  $-3 + \frac{x}{6} = 10$

$r = \dots\dots\dots$

$x = \dots\dots\dots$

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### Answers.

①  $4x - 8 = 16$

②  $6m - 8 = 16$

$x = \underline{6}$

$m = \underline{4}$

③  $\frac{2}{3}x - 9 = -1$

④  $\frac{x}{2} + 7 = 1$

$x = \underline{12}$

$x = \underline{-12}$

⑤  $\frac{r-1}{5} = 0$

⑥  $\frac{e+8}{10} = \frac{3}{3}$

$r = \underline{1}$

$e = \underline{2}$

⑦  $\frac{1}{6}q - 1 = 5$

⑧  $6 = \frac{x}{4} + 2$

$q = \underline{36}$

$x = \underline{16}$

⑨  $-3(r - 7) = -24$

⑩  $-3 + \frac{x}{6} = 10$

$r = \underline{-15}$

$x = \underline{78}$