EQUATIONS

You can work with a letter without even thinking about the specific number or numbers. These variables used as symbols and stand for an unknown value. You can begin using various letters instead of a box in your open sentences. This thinking can help you solve problems by creating equations.

Consider: $4 + 5 = 9$

This is similar to: $n + 5 = 9$. Solving for n:

$n + 5 = 9$
$4 + 5 = 9$
$n = 4$

$y + 6 = 10$
$y = 10 - 6$
$y = 4$

Questions:

1. QUESTION

Solve the following equations.

$x + 2 = 3$

$\Box + 2 = 3$
$x = \Box$

$3 + n = 12$

$3 + \Box = 12$
$n = \Box$

$4m = 28$

$4 \times m = 28$

$4 \times \Box = 28$
$m = \Box$

$3d = 15$

$3 \times \Box = 15$
$3 \times \Box = 15$
$d = \Box$

$k \div 3 = 6$

$\boxed{} \div 3 = 6$

$k = \boxed{}$

2. QUESTION

Solve the following equations.

$3 + m = 16$

$m = 16 - \boxed{}$

$m = \boxed{}$

$5x = 40$

$x = 40 \div \boxed{}$

$x = \boxed{}$

$y - 5 = 15$

$y = 15 + \boxed{}$

$y = \boxed{}$

$3z = 24$

$z = \boxed{} \div \boxed{}$

$z = \boxed{}$

$12 - m = 7$

$m = 12 - \boxed{}$

$m = \boxed{}$

3. QUESTION

Solve the equation.

$2x + 5 = 29$

Working:

$2n + 5 = 29$

$2n = 29 - \boxed{}$

$2n = \boxed{}$

$n = \boxed{} \div \boxed{}$

$n = \boxed{}$

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4. QUESTION

Solve the equation:

$5a - 12 = 68$

Working:

$5a - 12 = 68$

$5a = 68 - \boxed{}$

$a = \boxed{} \div \boxed{}$

$a = \boxed{}$