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 - 6y = 4

Questions:

1. QUESTION

Solve the following equations.

3 + n = 12x + 2 = 3+2=33 + = 12x = n =4m = 283d = 154 x m = 283 x = 15 $3 \mathbf{x}$ = 15 $4 \mathbf{x}$ = 28d = | m =

$$\mathbf{k} \div \mathbf{3} = \mathbf{6}$$

2. QUESTION

Solve the following equations.

3 + m = 16 $m = 16 - \square$ $m = \square$ $x = 40 \div$ $x = \square$

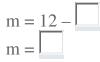
y - 5 = 15

3z = 24





12 - m = 7



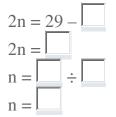
3. QUESTION

Solve the equation.

2x + 5 = 29

Working:

2n + 5 = 29



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4. QUESTION

Solve the equation:

5a - 12 =68

Working:

5a - 12 =68

