

EQUATIONS

Name: _____

BAM Indicator: Solve linear equations in one unknown

1. Solve these equations

a) $8k = 24$

$k =$ _____

b) $x - 17 = 23$

$x =$ _____

c) $4p - 6 = 2$

$p =$ _____

d) $10v + 6 = 46$

$v =$ _____

e) $7 = 4y + 1$

$y =$ _____

f) $3(x - 2) = 21$

$x =$ _____

g) $\frac{b}{7} + 3 = 11$

$b =$ _____

h) $\frac{x+2}{3} = 4$

$x =$ _____

2. Amanda solves the equation $6x + 9 = 57$. She gets the answer $x = 0.5$. Do you agree with Amanda? Explain your answer.

3. In a class of 30 students, there are four more girls than boys.

a) Using x as the number of boys, write down an equation

b) Solve the equation and find the number of girls in the class.

_____ girls

F

M

P

