

Algebra Two Name:

Task 1

What number does c represent in these equations?

$5 + c = 8 \quad (c = \dots\dots\dots)$

$25 + c + 3 = 30 \quad (c = \dots\dots\dots)$

$19 + 10 + c = 34 \quad (c = \dots\dots\dots)$

$c \times 5 = 25 \quad (c = \dots\dots\dots)$

$80 \div c = 10 \quad (c = \dots\dots\dots)$

$6 + c = 5 + 7 \quad (c = \dots\dots\dots)$

$c \times c = 9 \quad (c = \dots\dots\dots)$

$1000 - c = 997 \quad (c = \dots\dots\dots)$

$21 + 2 = 30 - c \quad (c = \dots\dots\dots)$

Task 2

3a is the same as $a + a + a$ (or 3 times a)

If $a = 5$, $b = 3$ and $c = 1$, solve these equations;

$a + b = \dots\dots\dots$

$b - c = \dots\dots\dots$

$2 + 3b = \dots\dots\dots$

$2b - c = \dots\dots\dots$

$a - b - c = \dots\dots\dots$

$5b + 7 = \dots\dots\dots$

$4a \div 2 = \dots\dots\dots$

$10c \times 10 = \dots\dots\dots$

$6b + 3c = \dots\dots\dots$

Task 3

$a + a + a$ is simplified to $3a$

$c + c - f$ is simplified to $2c - f$

Simplify these equations

$h + h + h + h = \dots\dots\dots$

$3 \times f = \dots\dots\dots$

$b + b + b = \dots\dots\dots$

$g + g - g = \dots\dots\dots$

$d + f + d + f = \dots\dots\dots$

$a + 2b + a = \dots\dots\dots$

Task 4

If $x = 9$, what is y?

$x + y = 13 \quad (y = \dots\dots\dots)$

$y + x = 18 \quad (y = \dots\dots\dots)$

$2x + y = 20 \quad (y = \dots\dots\dots)$

$2x + y = 25 \quad (y = \dots\dots\dots)$

$3x + y = 50 \quad (y = \dots\dots\dots)$

$x + x + y = 30 \quad (y = \dots\dots\dots)$