

Answer Checking Practice

Determine whether each of the following answers is correct by checking:

a) $x - 8 = 21$ *Answer:* $x = 30$

b) $7 + 4x = 23$ *Answer:* $x = 4$

c) $\frac{x}{2} + 11 = 10$ *Answer:* $x = -2$

d) $4x + 1 = 2x + 11$ *Answer:* $x = 6$

e) $\frac{7x+9}{6} = \frac{11-5x}{2}$ *Answer:* $x = -3$

f) $5(x - 1) + 2 = 18 + 2x$ *Answer:* $x = 7$

ANSWERS

A] Wrong B] Right C] Right D] Wrong E] Wrong F] Right

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Evaluating Expressions Practice

Evaluate each of the following expressions using the values given for each variable. Each time your answer appears in the code below, write the letter of that question above it.

[M] Evaluate $5x + 4$ when
 $x = 3$

[A] Evaluate $28 + 9b$ when
 $b = -2$

[N] Evaluate $-6s - 5h$ when
 $s = 9, h = 5$

[T] Evaluate $x + 7p$ when
 $x = -1, p = 8$

[E] Evaluate $6r + 5d + y$ when
 $r = -4, d = -3, y = 8$

[R] Evaluate $-2v + 2h - 8s$ when
 $v = 9, h = 7, s = -6$

$\frac{\quad}{44}$ U $\frac{\quad}{-79}$ $\frac{\quad}{-79}$ I $\frac{\quad}{-79}$ G $\frac{\quad}{10}$ $\frac{\quad}{44}$ $\frac{\quad}{10}$ B B I $\frac{\quad}{55}$ F $\frac{\quad}{10}$ $\frac{\quad}{44}$ $\frac{\quad}{19}$ I S $\frac{\quad}{10}$

H $\frac{\quad}{10}$ $\frac{\quad}{44}$ $\frac{\quad}{-31}$ $\frac{\quad}{44}$ $\frac{\quad}{10}$ I S I $\frac{\quad}{-79}$ G $\frac{\quad}{-31}$ X P $\frac{\quad}{-31}$ $\frac{\quad}{44}$ I $\frac{\quad}{-31}$ $\frac{\quad}{-79}$ C $\frac{\quad}{-31}$