Quiz today!

Homework review 3.4

(45)

$5x$
$5.3 = 15$

$3x+6$
$3.3+6$
$9+6 = 15$

$\times 4$
$\boxed{60}$

$5x$
$5x$
$3x+6$
$3x+6$
_____
$16x+12$
$16.3+12$
$48+12 = 60$

$3x+6 = 5x$
$-3x \qquad -3x$

$\dfrac{6}{2} = \dfrac{2x}{2}$

$x = 3$

$\times 4$

$P = 12$

$x+4 \qquad x+4$

$2x$

$2x = x+4$

① 12 chocolate bars

8 chocolate bars + 1.20

x cost of bar

y amount of money you have

$$y = 12x$$

$$y = 1.20 + 8x$$

$$12x = 8x + 1.20$$

$$\underline{-8x \quad -8x}$$

$$\frac{4x}{4} = \frac{1.20}{4}$$

$$x = .30$$

⑤ $140 = amount earned (Sam)

$60 = amount earned (Pam)

x = amount nana gave

~~y = amount Pam has~~

~~$2y$ = amount Sam has~~

$140 + x = $ Sam

$60 + x = $ Pam

$140 + x = 2(60 + x)$

$140 + x = 120 + 2x$

$-120 \qquad\qquad -120$

$20 + x = 2x$

$-x \qquad -x$

$20 = x$

$$20) \quad 8z = 4(2z+1)$$
$$8z = 8z + 4$$
$$\underline{-8z \qquad -8z}$$
$$0 = 4 \qquad \text{no solution}$$