Algebra I

3-8 Transforming Formulas Literal Equation - an equation with no numbers, only variables

Solve the given formula for the variable shown in color.

1)
$$b = ax$$
; x

2) $b = x + a$; x

3) $c = ax - b$; x

4 $b = ax$

5 $b = ax$

6 $b = ax$

6 $b = ax$

6 $b = ax$

4)
$$A = \frac{1}{2}bh$$
; b

5) $C = \frac{mv^2}{r}$; r

2(A)= $(\frac{1}{2}bh)$ 2

 $C_r = \frac{mv^2}{r}$
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Write the equation so that y is a function of x.

6)
$$12x - 4y = 36$$

$$12x - 4y = 36 - 12x$$

$$-4y = 36 - 12x$$

$$-9 + 3x$$

Assignment: pg. 187 5, 6, 8, 9, 12-26 even, 27, 28, 32-34, 36, 37