Solving Two Step Equations ax + b = c

- * For ax + b = c we use 2 steps to solve for variable:
 - 1st · Add / subtract
 - 2 ND . Multiply/divide

- @ Still use opposite operations to cancel
- (Reverse BEDMAS) & same thing to BOTH sides

Ex. Solve for X. Check!

(Reverse BEDMAS)
$$\otimes$$
 same thing to BOTH sides
 $(x) = x$. Solve for x . Check!
 $(x) = x$. Solve for x . Check!
 $(x) = x$. Check: $(x) = x$. Solve $(x) = x$

②
$$14 \div -5x + 1$$
 $13 = -5x$
 $-5 \div -5$
 $-2.6 = x$

Check:
$$14 = -6x + 1$$
 $14 = -5(-2.6) + 1$
 $14 = 14$
 $14 = 14$

Check:
$$3 - 4m = 11$$

$$3 - 4(-2) = 11$$

$$3 - 8 = 11$$

$$3 + 8 = 11$$

$$11 = 11$$

Page 385 # 9, 10, 12, 13