A

Week 2

Choose **one** problem from below to complete as your **first** problem in your homework journal.

A1.

Solve AND CHECK the equation:

$$2x - 15 + 7 + 3x = 12$$

A2.

Solve AND CHECK the equation:

$$9(x - 6) = 108$$

A3.

Completely simplify the expression:

$$2g + 3(g + 1) - (g - 2)$$

B
Week 2
Choose **one** problem from below to complete as your **second** problem in your homework journal.

B1.

Translate into an algebraic expression and then SOLVE it for the missing variable.

Twice a number divided by six is 42.

B2.

Translate into an algebraic expression and then SOLVE it for the missing variable.

The difference of twice a number and three is -21.

B3.

Translate into an algebraic expression and then SOLVE it for the missing variable.

One less than the product of a number and -5 is 24.

C

Week 2

Choose **one** problem from below to complete as your **third** problem in your homework journal.

C1.

A cell phone company charges Eric $35 for a month of service in which he sent 450 text messages. If he was charged a fee of $12.50, how much did he pay per text message?

WRITE and SOLVE an equation to find the answer.

C2.

A candy store sells 8-pound bags of mixed peanuts and cashews. If *c* pounds of cashews are in a bag, then the price *p* of the bag can be found using the equation **p = 2.59c + 1.78(8 − c).** If the bag is priced at $18.11, how many pounds of cashews are in the bag?

C3.

Solve the equation below to find the exact value of *x*.

$$-\frac{2}{3}(x + 12) + \frac{2}{3}x = -\frac{5}{4}x + 2$$