2.5 Solving Equations Using Addition and Subtraction

I can solve one-step addition and subtraction equations.

Option One:
With a partner, complete the Note Taking Guides with a textbook and work on homework.

1. Complete notes with textbook. Pages 91-95
2. Get answer key to check notes for accuracy.
3. Work on homework.

(Classroom)

Option Two:
Watch the videos, take notes on the note guide, and work on homework.

1. Watch the videos and take notes. You will hand in the notes with your homework.
   A. https://www.youtube.com/watch?v=B5EJRYLTZFo
   B. https://www.youtube.com/watch?v=VidnbCEOGdg
2. Work on homework.

(Step Room)

Option Three:
Teacher led explanation.
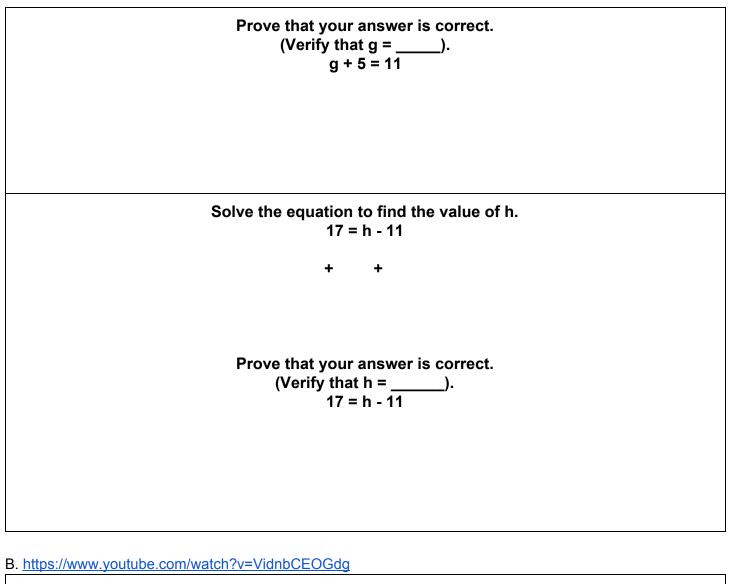
1. Teacher will teach lesson.
2. Work on homework.

(Classroom)

When your option is complete, get a deck of cards (black cards positive, red cards negative). Choose an operation (addition, subtraction, or multiplication) to practice.

2.5 Solving Equations Using Addition and Subtraction Video Notes

A. https://www.youtube.com/watch?v=B5EJRYLTZFo

equation:

Is it an equation?	
YES:	**NO:**

inverse operation:

examples: **addition and _____**

_____ and _____

Solving a One-Step Equation
(Goal: _____.)

1. **Determine which _____ will help you _____**

_____.

(if you see addition, choose _____; if you see subtraction, choose _____.

2. **_____ the operation to _____ sides of the _____.**

3. **Verify that you are correct by substituting your solution for the _____.**

Solve the equation to find the value of g.

g + 5 = 11

-   -

Prove that your answer is correct.
(Verify that g = _____).
g + 5 = 11

Solve the equation to find the value of h.
17 = h - 11

+   +

Prove that your answer is correct.
(Verify that h = _____).
17 = h - 11

B. https://www.youtube.com/watch?v=VidnbCEOGdg

Solve for a and check your solution:

a + 5 = 54

 -    -

_____

     =

_____ + 5 = 54

_____ = 54

The best way to get rid of a +5 is to _____ 5.

Anything we do to the _____ side of the equation, we have to do to the _____ side of the equation.