# 3.1 Solving Two-Step Equations

*I can solve two-step equations.*

## Option One:

Watch the videos, take notes on the notesheet, 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=_y_Q3_B2Vh8
    B.  http://www.virtualnerd.com/middle-math/equations-functions/solving-two-step/practice-solve-two-step-equation
2.  Work on homework.

## Option Two:

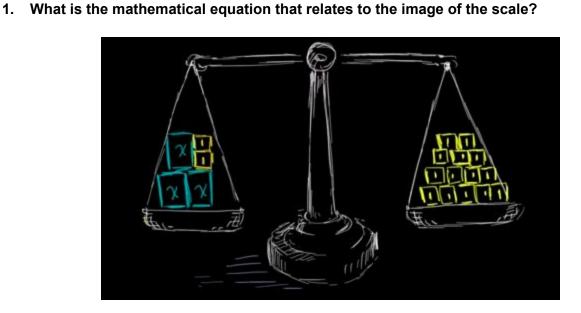Teacher led explanation, takes notes on the notesheet, and work on homework.

1.  Teacher will teach lesson.
2.  Work on homework.

# 3.1 Solving Two-Step Equations

*I can solve two-step equations.*

**Solving two-step equations - Khan Academy** https://www.youtube.com/watch?v=_y_Q3_B2Vh8

1. **What is the mathematical equation that relates to the image of the scale?**



_____ + _____ = _____

2. **How can you remove blocks from the left hand side of the scale and keep the scale balanced?**

$$3x + 2 = 14$$

$$- \quad -$$

_____

( )_____ = _____ ( )

$$x = \underline{\qquad}$$

**How do you solve a two-step equations? - Virtual Nerd**

http://www.virtualnerd.com/middle-math/equations-functions/solving-two-step/practice-solve-two-step-equation

*Show the work from the board in the video.*

| |
|---|
| **Solve:** <br><br> _____ - _____ = _____ |
| **1.** _____. <br><br><br><br><br> |
| **2.** _____. <br><br><br><br><br><br> b = _____ <br><br> |
| **3.** _____. <br><br> |