

Alg 1 2.3

Solve equations involving more than one operation

Solve consecutive integer problems

→ Order of operations: what we DO *GEMA*
Solving: what we UNDO *AMG*

Lollipop WS puzzle

Whiteboards

practice: *Solve & check*

$$2x - 3 = 15$$

$$-0.5x + 6 = 7$$

$$\begin{array}{l} 18 \cdot -1 + 12 = 6 \\ -18 + 12 = 6 \\ 18x - 12 = 6 \\ +12 \quad +12 \\ \hline 18x = 18 \\ \frac{18x}{-18} = \frac{18}{-18} \end{array} \quad x = -1$$

$$-\frac{2}{3}x + \frac{1}{2} = 5.5$$

$$(-2/3)x + 1/2 = 5.5$$

$$2(x-3) + 5 = 17$$

$$2(6) + 5 = 17$$

$$2(5) + 5 = 17$$

$$12 + 5 = 17$$

$$10 + 5 = 17$$

WS

1. Solve each problem (show your work)
2. Color the solution according to the instructions.

Square puzzle (if time)