

Alg 1 2.3

Solve equations involving more than one operation

Solve consecutive integer problems

→ Order of operations: what we DO *CEM A*

Solving: what we UNDO *AMEG*

Lollipop WS puzzle

Whiteboards
practice: *Solve + check*

$$2x - 3 = 15$$

$$-0.5x + 6 = 7$$

$$\begin{aligned} 18 - 1 + -12 &= 6 \\ -18 + -12 &= 6 \\ 18x - 12 &= 6 \\ +12 +12 & \\ \hline 18x &= 18 \\ -18 & \end{aligned} \quad x = -1$$

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

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

$$2(x-3) + 5 = 17 \qquad \qquad 2(6) + 5 = 17$$

$$2(5) + 5 = 17 \qquad \qquad 12 + 5 = 17$$
$$10 + 5 = 17$$

WS

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

Square puzzle (if time)