Warm-Up
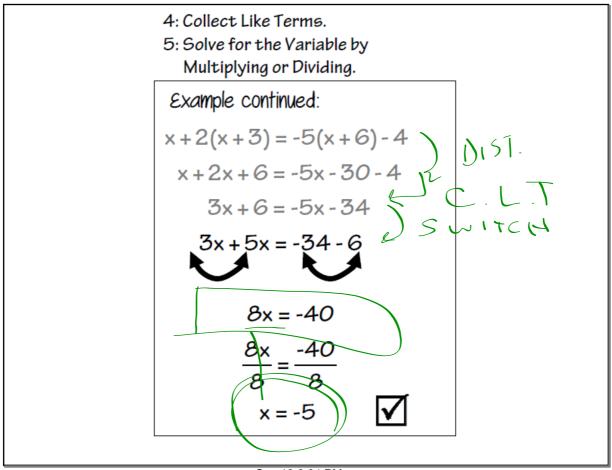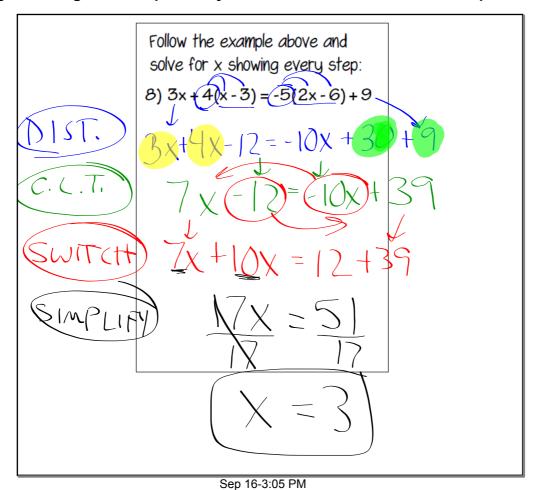
Grab a folder from the front of the
room and write your name and period
on the tab at the top!

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4: Collect Like Terms.
5: Solve for the Variable by
Multiplying or Dividing.

Example continued:

$x + 2(x + 3) = -5(x + 6) - 4$) DIST.

$x + 2x + 6 = -5x - 30 - 4$ C.L.T

$3x + 6 = -5x - 34$ SWITCH

$3x + 5x = -34 - 6$

$8x = -40$

$\dfrac{8x}{8} = \dfrac{-40}{8}$

$x = -5$ ☑

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Follow the example above and solve for x showing every step:

8) $3x + 4(x - 3) = -5(2x - 6) + 9$

DIST.
C.L.T.
SWITCH
SIMPLIFY

$3x + 4x - 12 = -10x + 30 + 9$

$7x - 12 = -10x + 39$

$7x + 10x = 12 + 39$

$\dfrac{17x}{17} = \dfrac{51}{17}$

$x = 3$

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Exit Ticket

Complete the two practice problems on the back flap of your flipbook. Call one of the teachers over to check your work when you finish. If you're right, we'll give you your practice worksheet, and you can get started. Whatever you do not finish in class will become homework.

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9) $8(2x - 3) + 1 = 6(x - 4) + x$

10) $3x - 5(x - 2) = -7(3x + 6) - 2$

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