Adding / Subtracting to solve linear systems ("Elimination")

-> You can moltiply x=4
both sides of either
equation by any #
to make coefficients
the same

$$2 \cdot (4x + 5y) = 35 \cdot 2 \qquad 2y = 3x - 9$$

$$-3x + 2y = -9 \cdot 5$$

$$5 \cdot (-3x + 2y) = -9 \cdot 5$$

$$45x + 10y = 70$$

$$+15x + 10y = +45$$

$$2y = 3(5) - 9$$

$$2y = 15 - 9$$

$$2y = 6$$

$$x = 5$$

$$x = 5$$

$$(5,3)$$

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. Thurs. 11/20:
      . Work sample assessment
        (you need to know how to solve
         linear systems )
Fri. 11/21:
      Unit test. 7.1-75
Homework: p 455, 10-18 (all), 20-30 (even), 37 38
· Optional review:
     P. 431 7-23621), 34,35
P. 439 5-17 (22), 32,35,36
P. 447 4,7,10,13,16,14,35,39,41,43
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