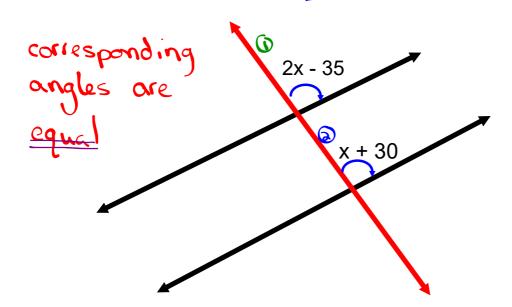
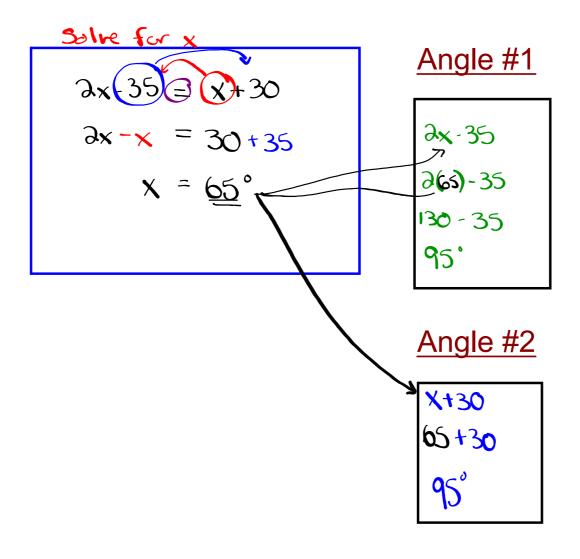
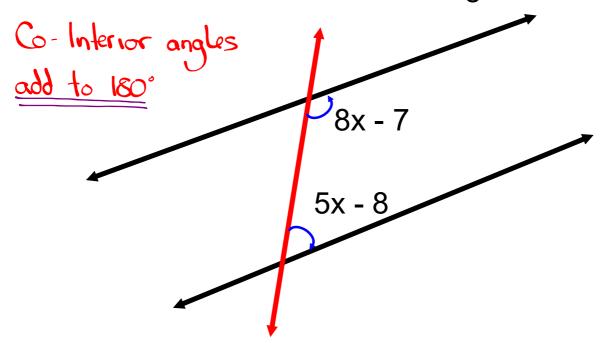
1. Solve for x and the indicated angles





2. Solve for x and the indicated angles



$$3x-7 + 5x-8 = 180^{\circ}$$

$$13x-15 = 180^{\circ}+15^{\circ}$$

$$13x = 195^{\circ}$$

$$13 = 15^{\circ}$$

## Angle #1

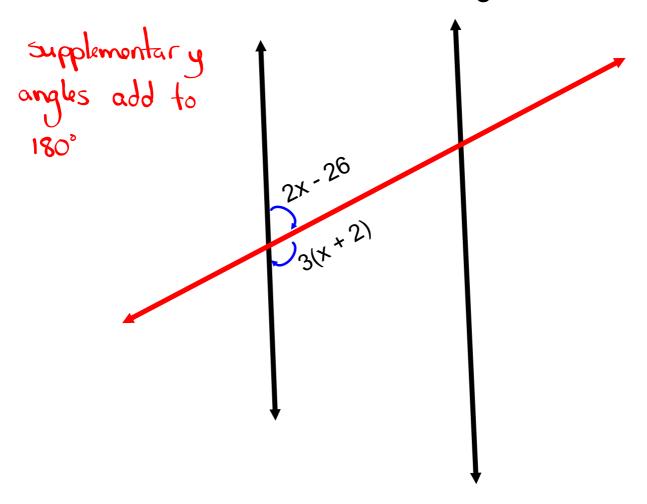
190-7

113

### Angle #2

$$113 + 67 = 180^{0}$$

# 3. Solve for x and the indicated angles



$$3x-36+3(x+3)=180$$
 $3x-36+3x+6=180$ 
 $5x-30=180+30$ 
 $5x=180+30$ 
 $5x=300$ 
 $5x=40^{9}$ 

Angle #1 Angle #2 
$$54 + 126 = 180$$
  
 $2x - 26$   $3(x + 2)$   
 $2(40) - 26$   $3(40 + 2)$   
 $80 - 26$   $3(42)$   
 $= 54$   $= 126$ 

## Homework

Finish worksheet

