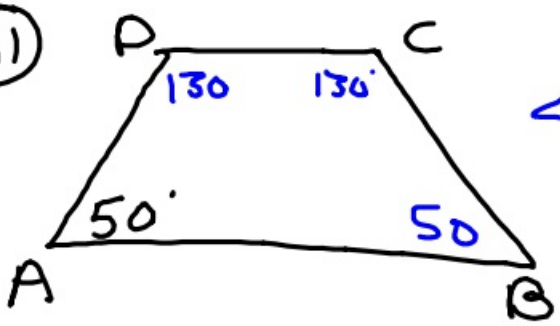
11-27-17 5th Geo

Ch. 6 PT 1

(14) Hexagon = 6 sides

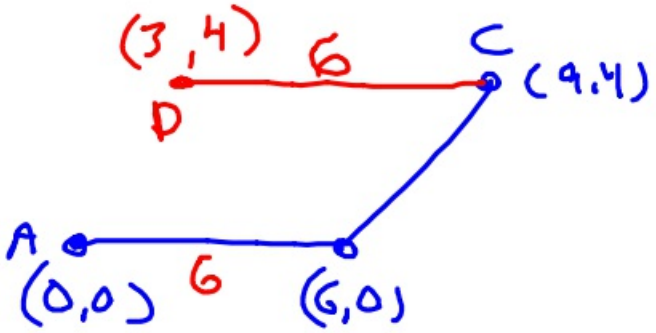
ext $\angle = \frac{360}{6} = 60$

(21)



$\angle C = 130°$

(16) A = (0,0) B = (6,0) C = (9,4)

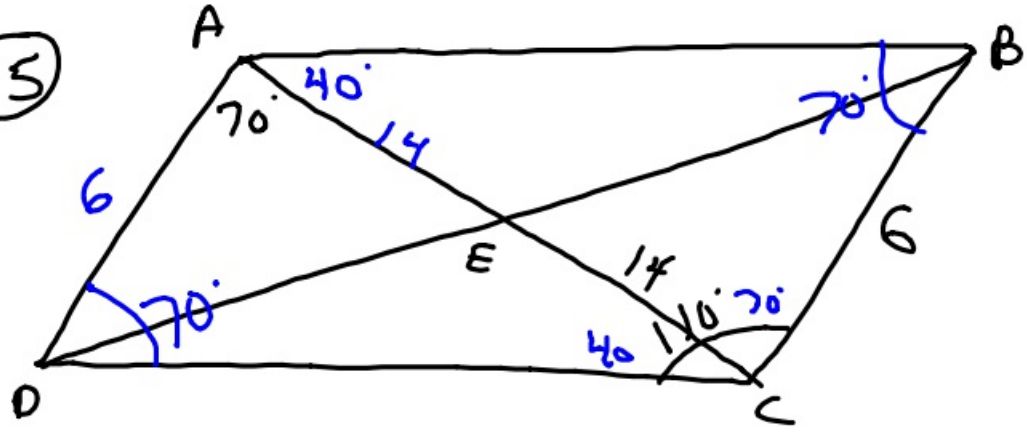


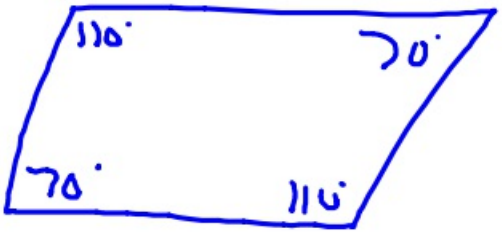
(10) ext $\angle = \frac{360}{n}$

ext $\angle = \frac{360}{5}$

$= 72^\circ$

(15)

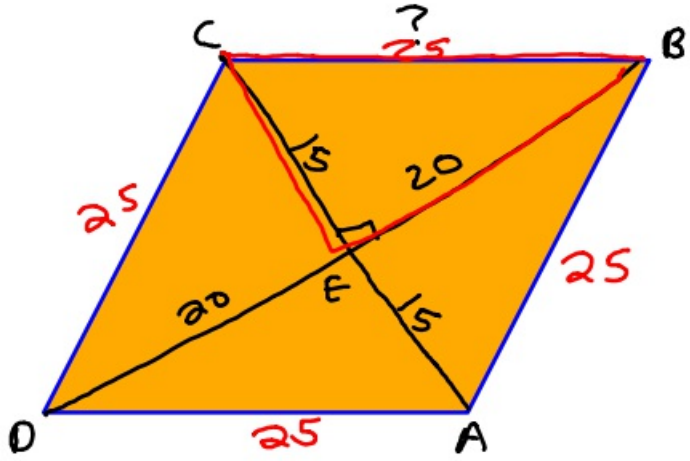




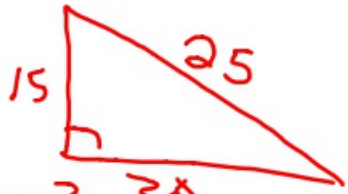
(7) Hexagon → 6

ext $\angle = \frac{360}{6} = 60^\circ$

28



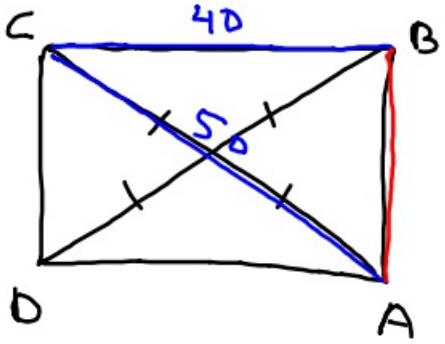
$P = 100$

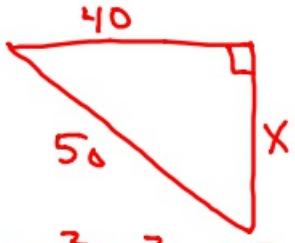


$15^2 + 20^2 = c^2$

$c = 25$

31

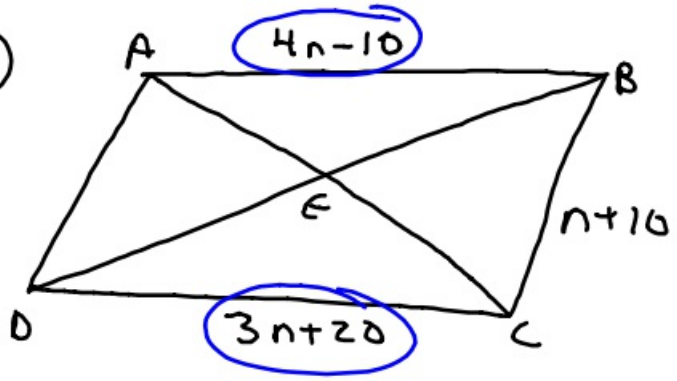




$40^2 + x^2 = 50^2$

$X = 30$

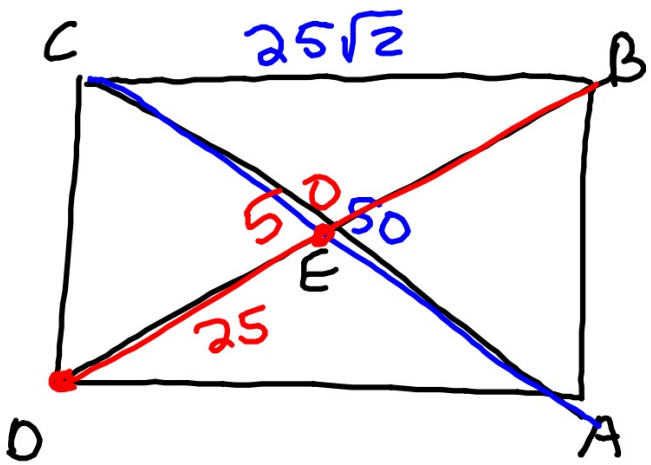
27



$4n - 10 = 3n + 20$

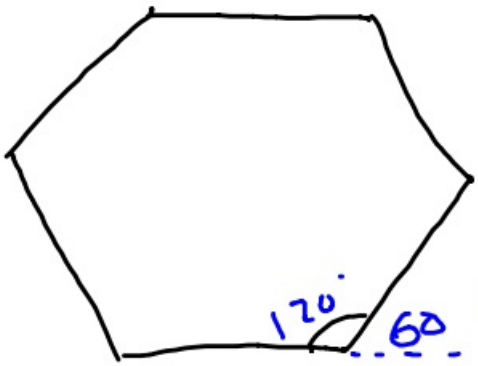
$n = 30$

30



11-27-17 6th Geo

(14)



ext $\angle = \frac{360}{6} = 60$

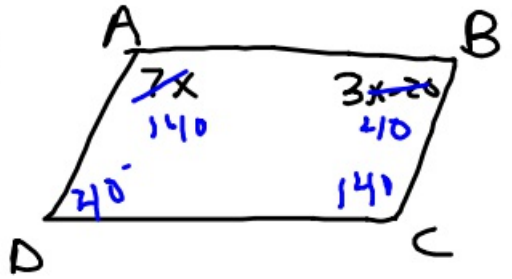
(9) ext $\angle = \frac{360}{n}$

$= \frac{360}{5}$

$= 72°$

108° | 72°

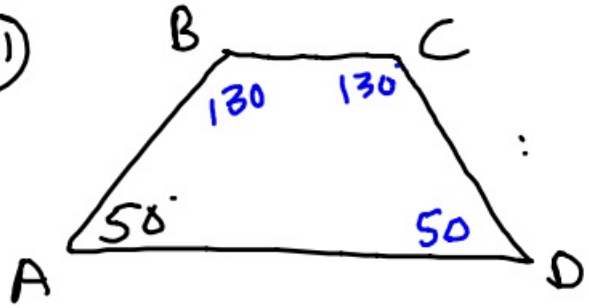
(20)



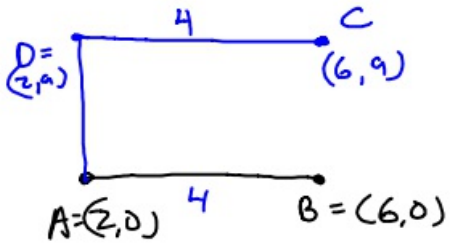
$7x + 3x - 20 = 180°$

$x = 20°$

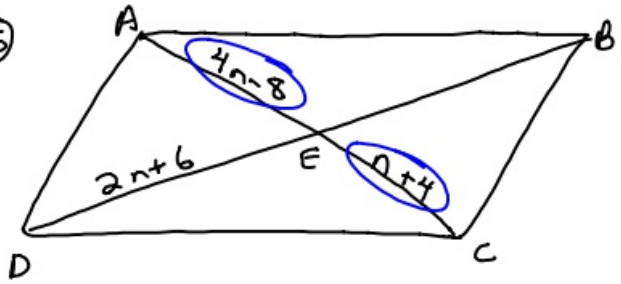
(21)



(18) A = (2,0) B = (6,0) D = (2,9)



(25)



$4n - 8 = n + 4$

$-n \quad -n$

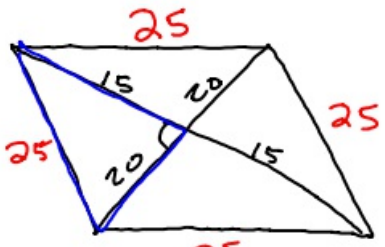
$3n - 8 = 4$

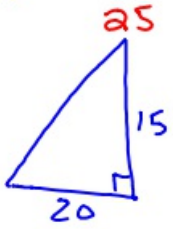
$+8 \quad +8$

$3n = 12$

$n = 4$

(28)

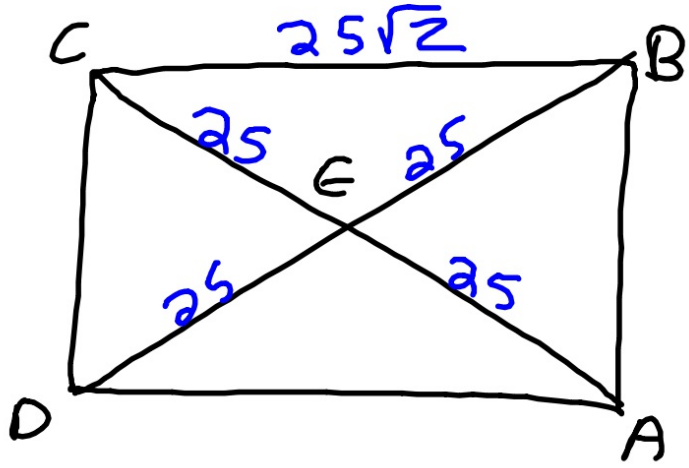




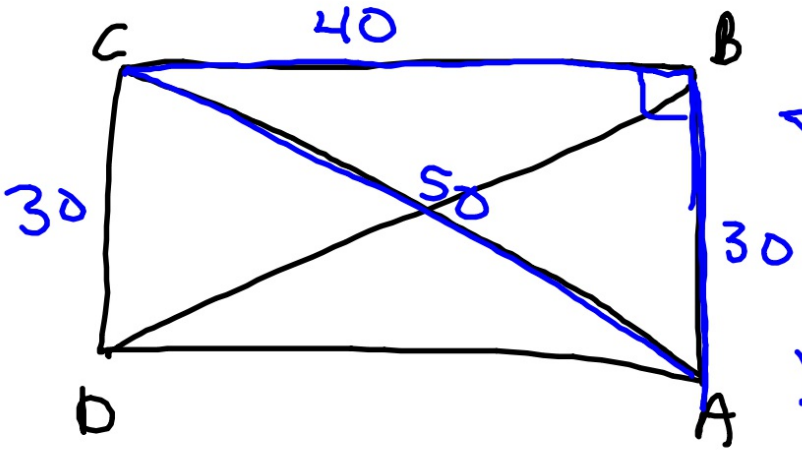
$15^2 + 20^2 = c^2$

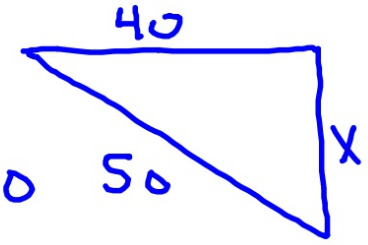
$c = 25$

(30)



(31)





$X^2+40^2=50^2$

$X=30$