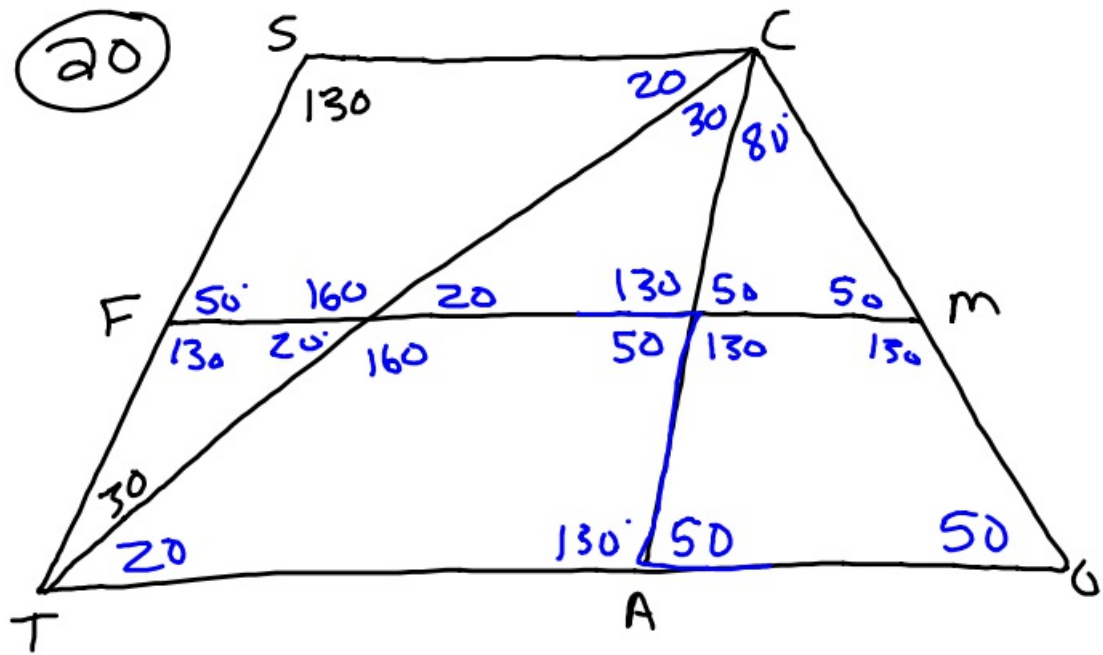


11-28-17 5th Geo

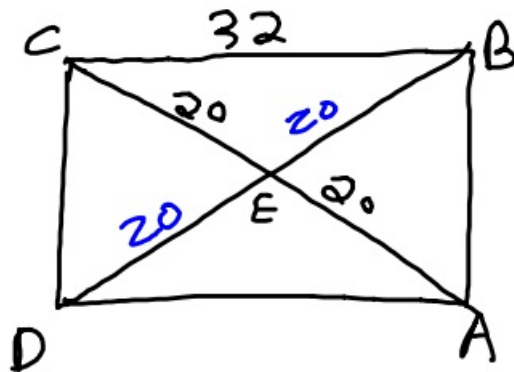
(20)



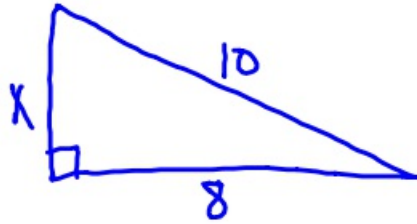
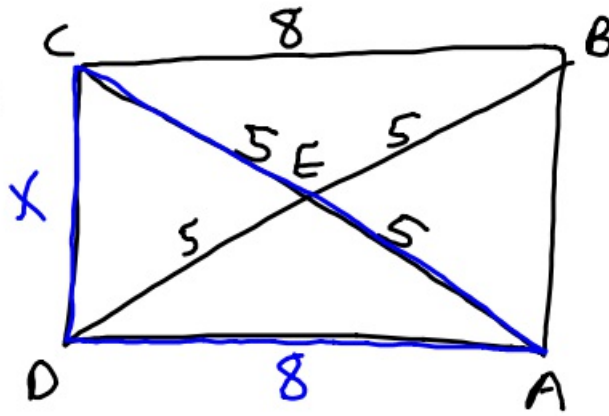
SCOT isosceles trapezoid

SCAT is a parallelogram

(26)

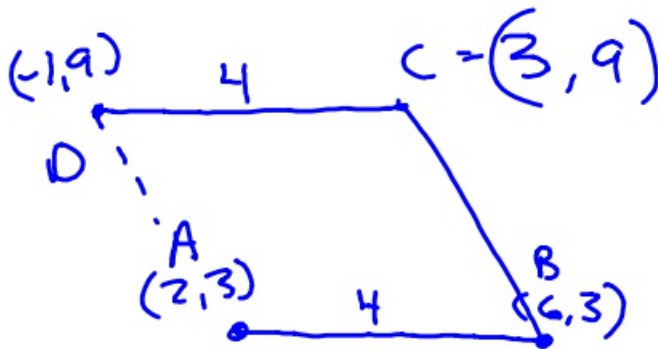


(21)

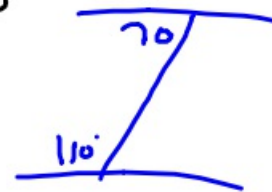
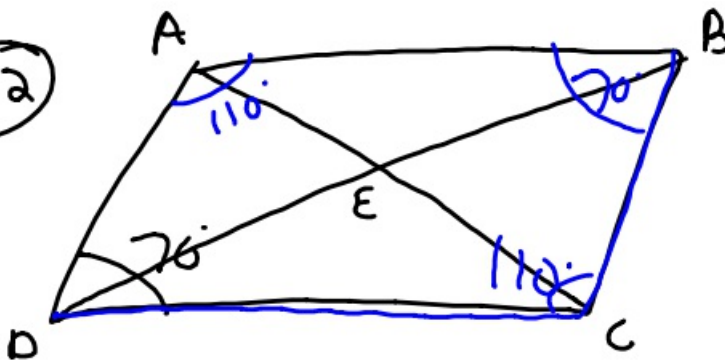


$$X^2 + 8^2 = 10^2$$
$$X = 6$$

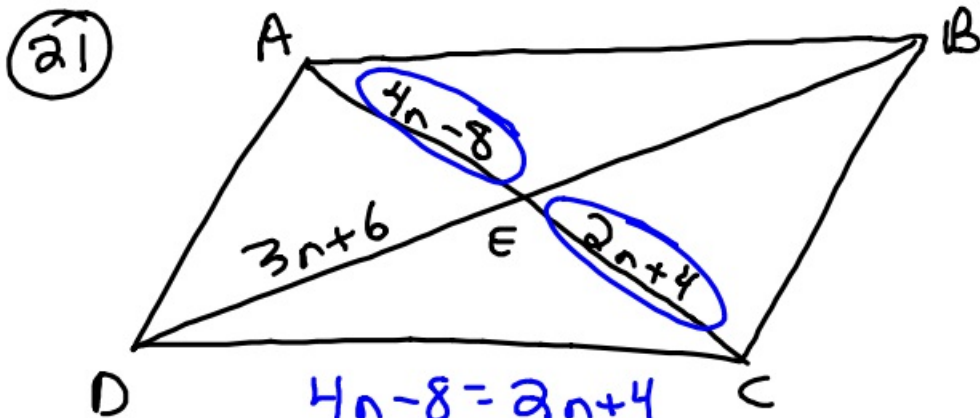
(18) $A = (2, 3)$ $B = (6, 3)$ $D = (-1, 9)$



(22)



$$\begin{aligned}
 \textcircled{10} \text{ ext } \angle &= \frac{360}{n} \\
 &= \frac{360}{6} \\
 &= 60^\circ
 \end{aligned}$$

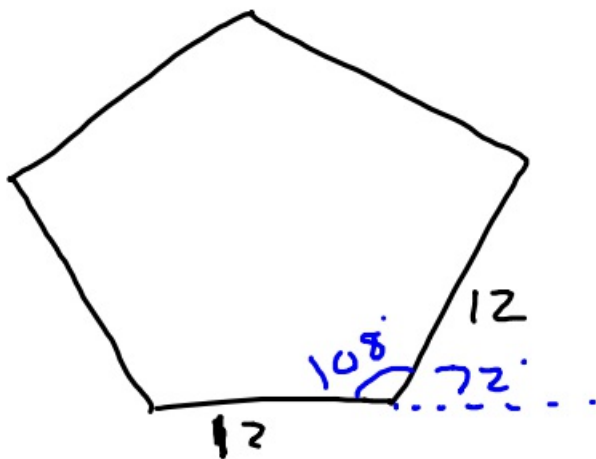


$$\begin{array}{r}
 4n-8 = 2n+4 \\
 -2n \quad -2n \\
 \hline
 2n-8 = 4 \\
 +8 \quad +8 \\
 \hline
 2n = 12
 \end{array}$$

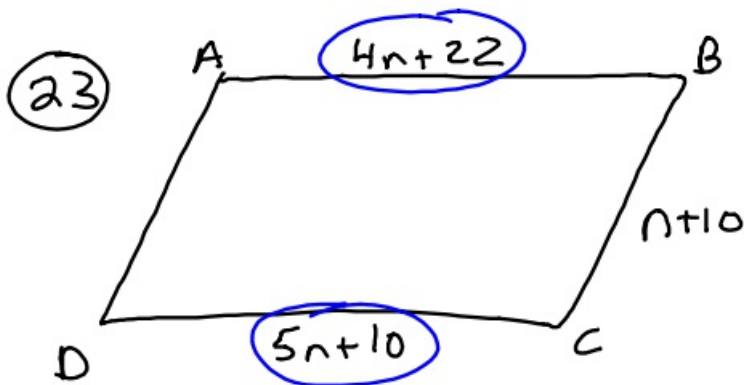
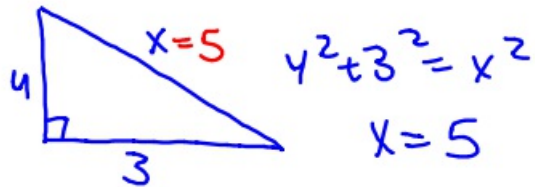
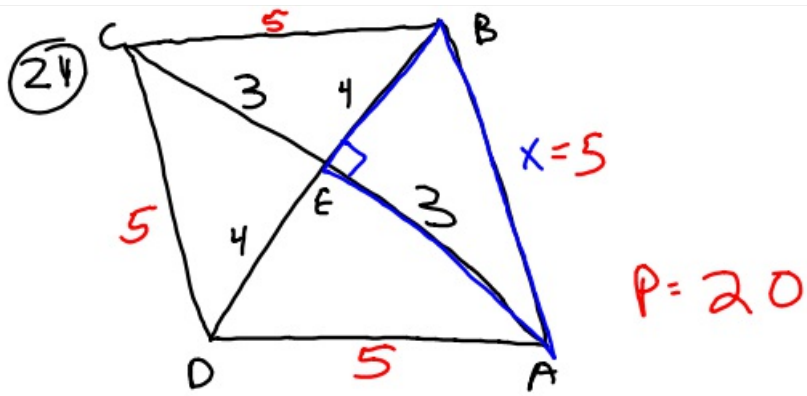
$$\textcircled{n=6}$$

...

$\textcircled{14}$



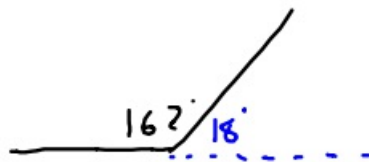
$$\begin{aligned}
 \text{ext } \angle &= \frac{360}{n} \\
 &= \frac{360}{5} \\
 &= 72^\circ
 \end{aligned}$$



$$5n + 10 = 4n + 22$$

$$n = 12$$

(12)

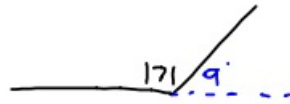


$$n = \frac{360}{\text{ext. } \angle}$$

$$= \frac{360}{18}$$

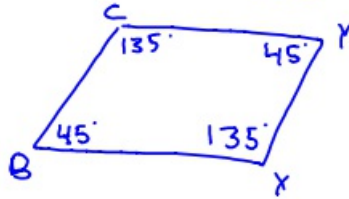
$$= 20$$

13

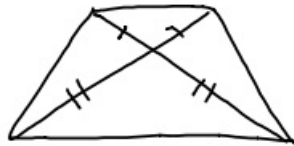
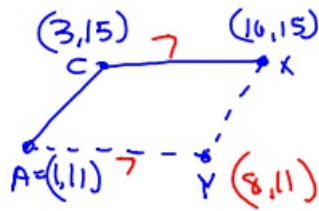


$$n = \frac{360}{\text{ext. } \angle}$$
$$= \frac{360}{9}$$
$$= 40$$

In parallelogram $BXYC$, $\angle B = 45^\circ$.
What is $\angle C$? 135°



In parallelogram $ACXY$,
 $A = (1, 11)$ $C = (3, 15)$ $X = (10, 15)$.
Find Y .



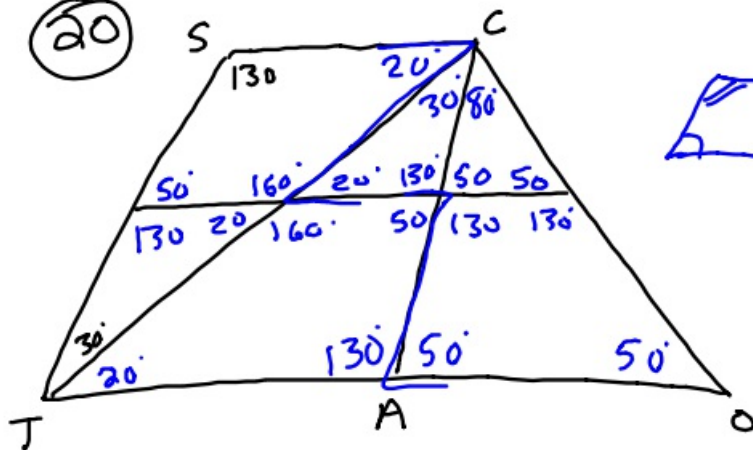
What is the interior angle measurement of a 45 sided regular polygon?

$$\text{ext } \angle = \frac{360}{45}$$
$$= 8^\circ$$

11-28-17 6th Geo

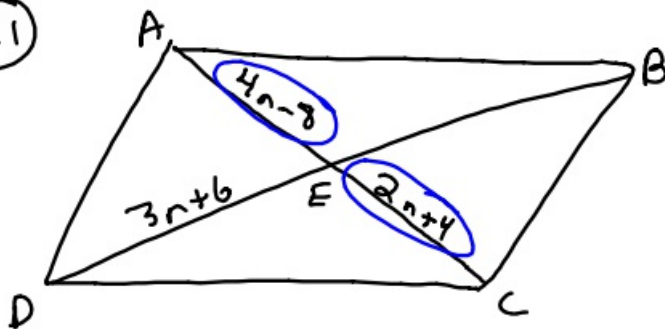
Ch. 6 PT 2

(20)



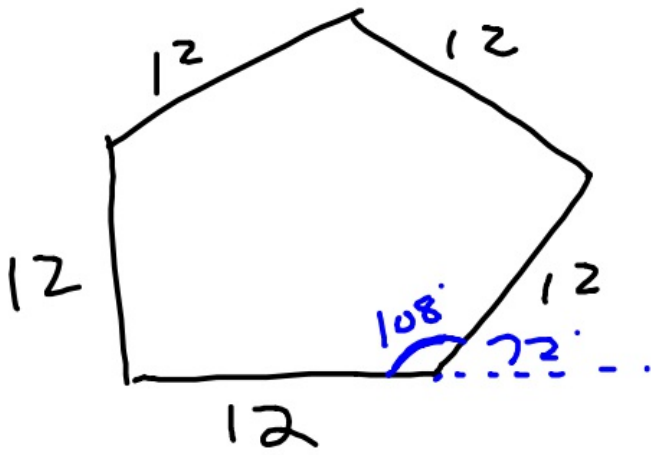
SCOT is an isosceles trapezoid
 SCAT is a parallelogram

(21)



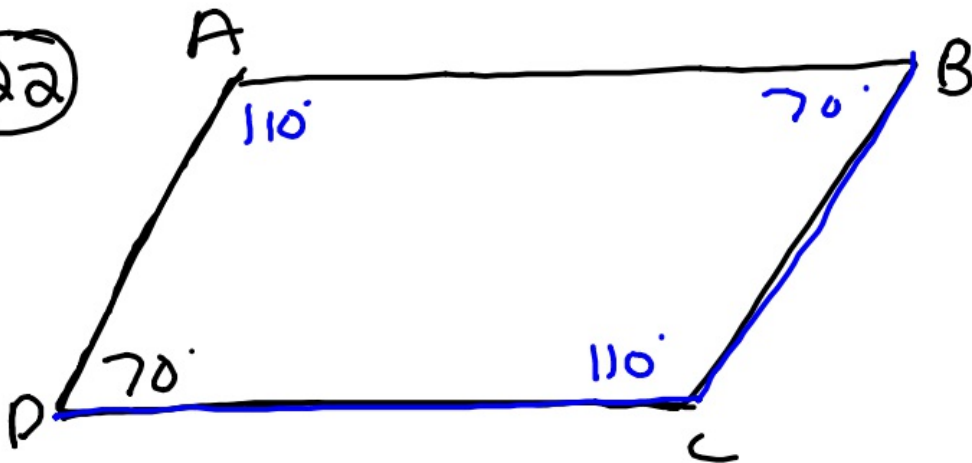
$$\begin{array}{r}
 4n-8 = 2n+4 \\
 -2n \quad -2n \\
 \hline
 2n-8 = 4 \\
 +8 \quad +8 \\
 \hline
 2n = 12 \\
 n = 6
 \end{array}$$

14



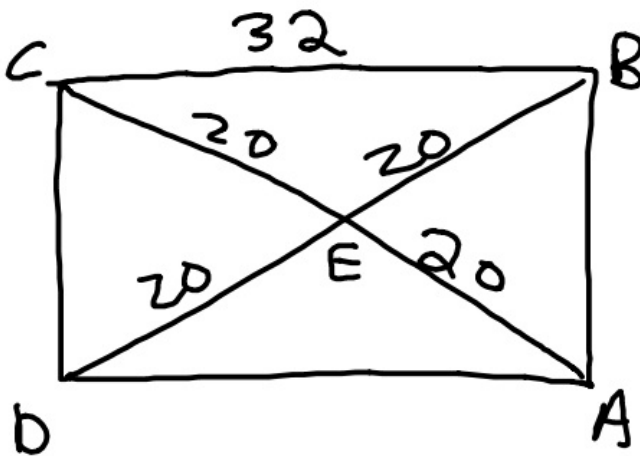
$$\begin{aligned} \text{ext } \angle &= \frac{360}{n} \\ &= \frac{360}{5} \end{aligned}$$

22

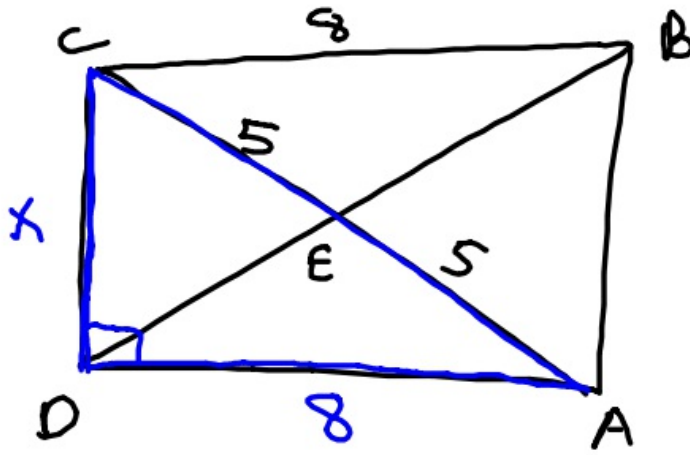


$$= 72^\circ$$

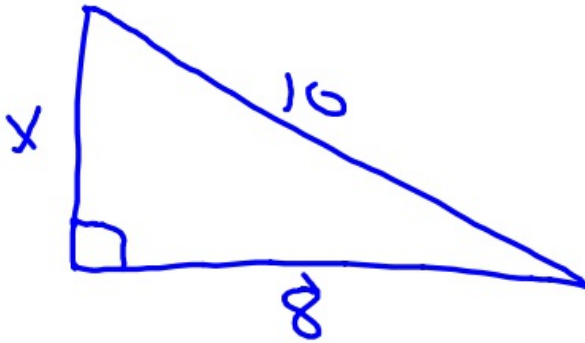
26



(27)

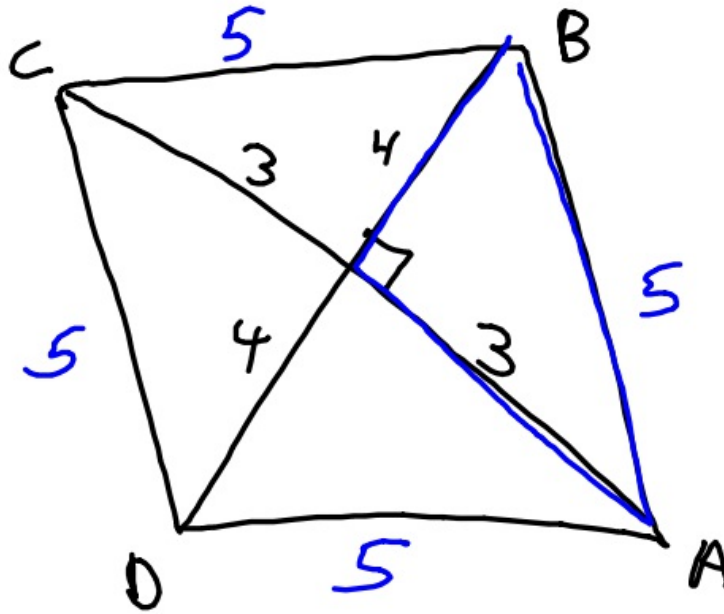


3, 4, 5
6, 8, 10
9, 12, 15

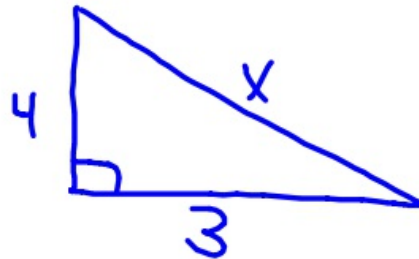


$$x^2 + 8^2 = 10^2$$
$$x = 6$$

(24)

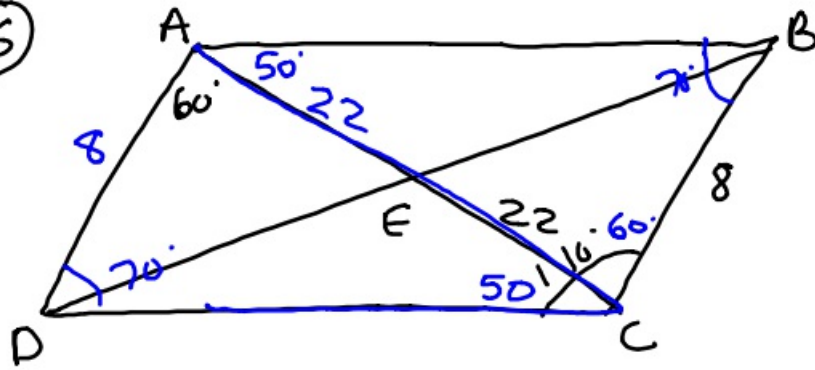


$P = 20$



$$x = 5$$

(15)

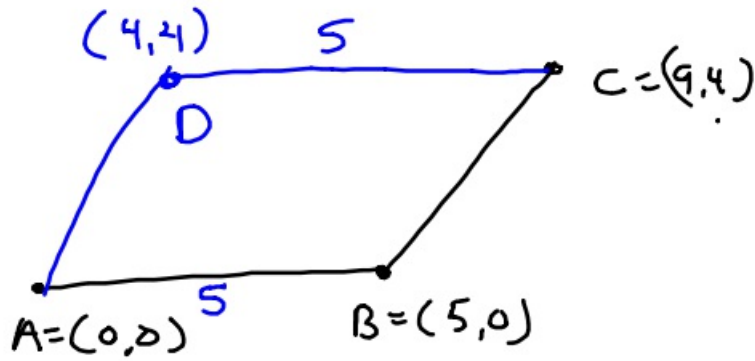


(8)

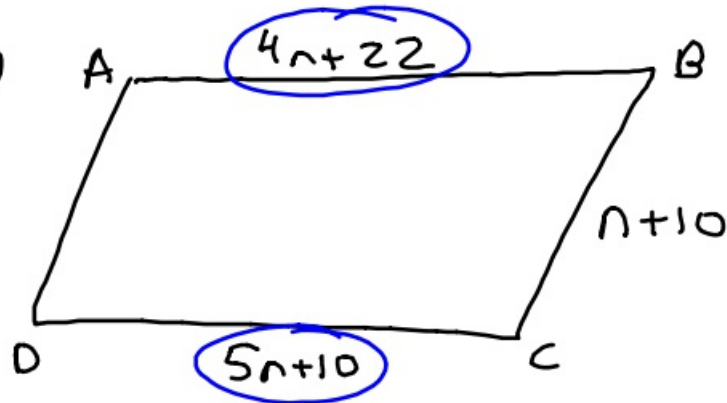


$$\begin{aligned} \text{ext } \angle &= \frac{360}{n} \\ &= \frac{360}{9} \\ &= 40^\circ \end{aligned}$$

(16)

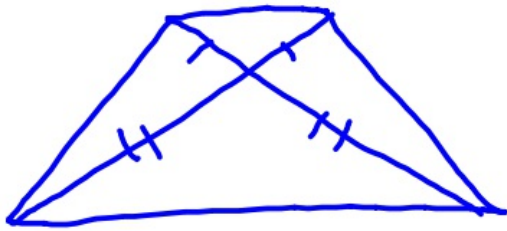


(23)

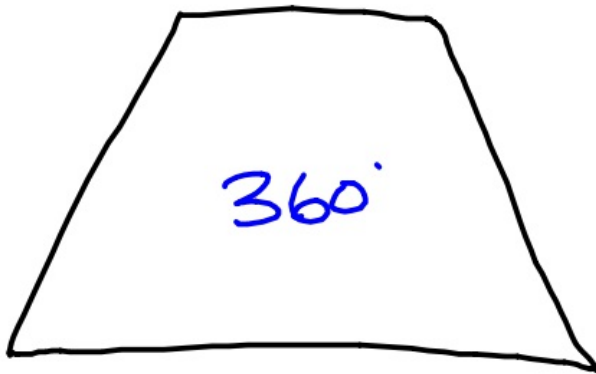


$$5n + 10 = 4n + 22$$

$$n = 12$$



④



$$\begin{aligned} & (n-2) \cdot 180^\circ \\ & (4-2) \cdot 180^\circ \\ & 360^\circ \end{aligned}$$

②5

