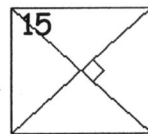
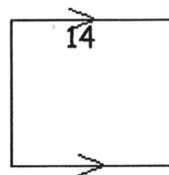
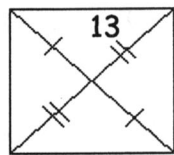
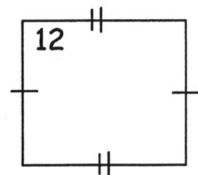
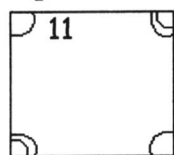
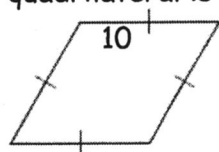
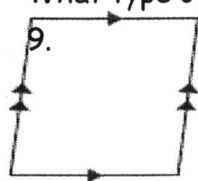
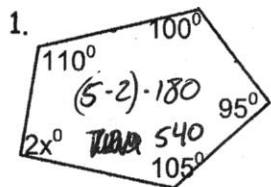


5. What is the sum of the measures of the interior angles of an octagon?
6. What is the measure of each interior angle in a regular octagon?
7. What is the sum of the measures of the exterior angles of an octagon?
8. What is the measure of each exterior angle in a regular octagon?

What type of quadrilateral is being shown:

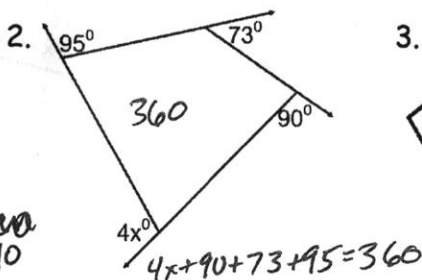




$$2x + 110 + 100 + 95 + 105 = 540$$

$$2x = 130$$

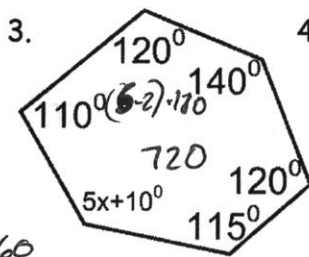
$$x = 65$$



$$4x + 90 + 73 + 95 = 360$$

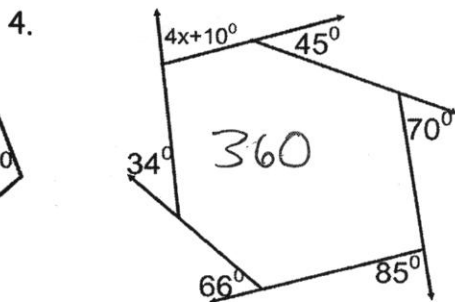
$$4x = 102$$

$$x = 25.5$$



$$5x + 10 = 115$$

$$x = 21$$



$$4x = 50$$

$$x = 12.5$$

1080 5. What is the sum of the measures of the interior angles of an octagon? $(8-2) \cdot 180 = 1080$

135 6. What is the measure of each interior angle in a regular octagon? $1080 \div 8$

360 7. What is the sum of the measures of the exterior angles of an octagon?

45 8. What is the measure of each exterior angle in a regular octagon? $360 \div 8$

What type of quadrilateral is being shown:

