

- 4. The sum of the interior angles of a regular polygon is 900°. Find the (h-2) 1x0 = 900 number of sides of the polygon.
 - A. 6
 - B. 7
 - C. 8
 - D. 9

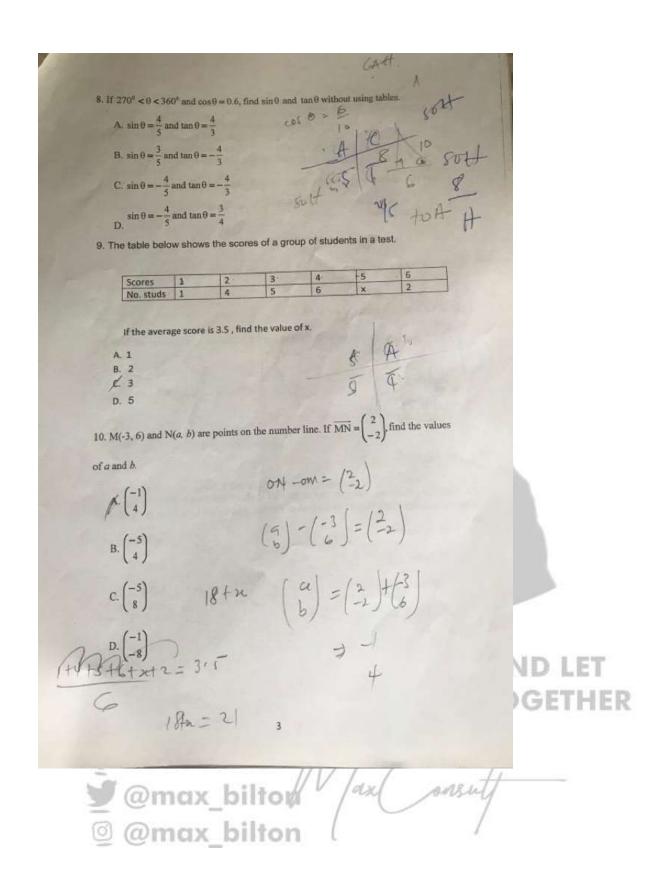
5. The exterior angle of a hexagon are n, 2n, 3n, 4n and 5n. Calculate the value of n.

A. 24°
B. 36°
C. 48°
D. 72°
6. Find the perimeter of the figure below



- 35cm A.
- 47cm B.
- 0 84cm
- 210cm
- 7. Express the true bearing of 250° as a compass bearing .
- N200E
- B. S200E B.
- C. S70°W C.
- D. N700E D.





11. In the diagram, O is the centre of a circle of radius 5cm. If the angle POS is 60°; what is the area of the shaded sector? A. $20 \frac{5}{6} \pi \text{ cm}^2$ B. $8\frac{1}{3}\pi \text{ cm}^2$ C. $4\frac{1}{6}\pi \text{ cm}^2$ D. $1\frac{2}{3}\pi \text{ cm}^2$ 12. What is the unit vector of a = 8i + 6]? A. $\frac{1}{10}$ (8i-6j) B. $\frac{1}{10}$ (8i+6j) C. $\frac{1}{5}$ (8i+6j) D. $\frac{1}{5}$ (8i-6j) 13. A cliff is 102m high. From the top of the cliff angle of depression of a boat is 27° . Find the distance of the boat from the foot of the cliff. A. 104m B. 114m C. 200m 02 D. 244m @max_bilton @ @max_bilton

