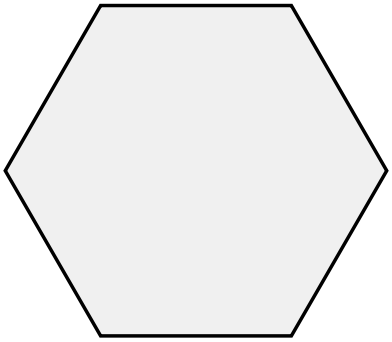
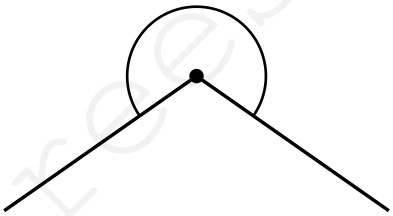
Geometry: 2D Shapes & Angles: Easy Practice Paper 2

Q1. How many vertices (corners) does this shape have?



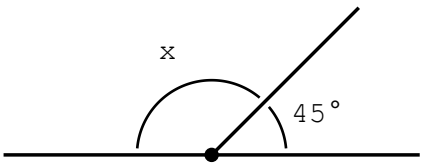
A. 5 B. 6 C. 7 D. 8 E. 10

Q2. What type of angle is marked in the diagram?



A. Acute
B. Right angle
C. Obtuse
D. Reflex
E. Straight

Q3. Work out the size of angle x on this straight line.



A. 45° B. 135° C. 145° D. 155° E. 225°

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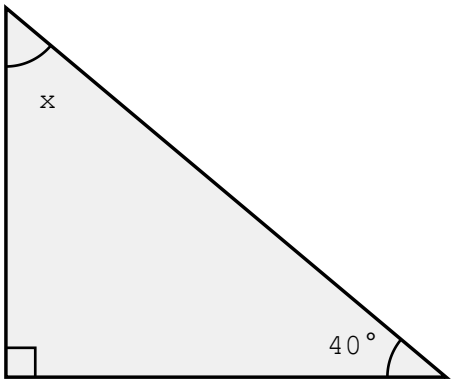
Q4. Work out the size of angle x in this right-angled triangle.

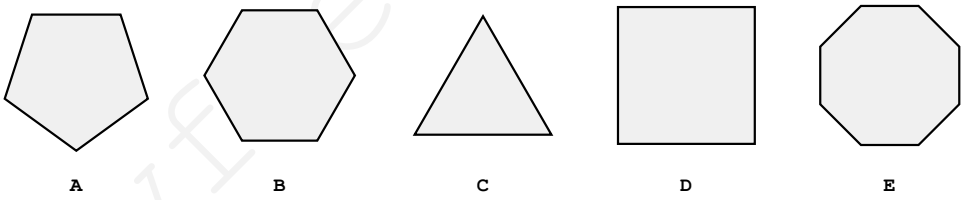


A. 50° B. 60° C. 90° D. 130° E. 140°

Q5. How many degrees are there in a right angle?

A. 30° B. 45° C. 90° D. 180° E. 360°

Q6. Which of these shapes has exactly 4 sides?



A. A B. B C. C D. D E. E

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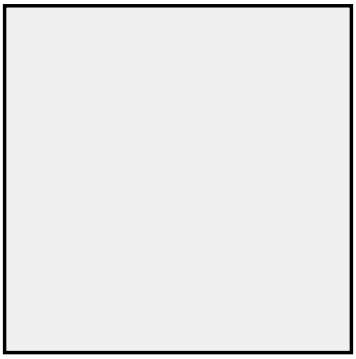
Q7. How many lines of symmetry does this square have?

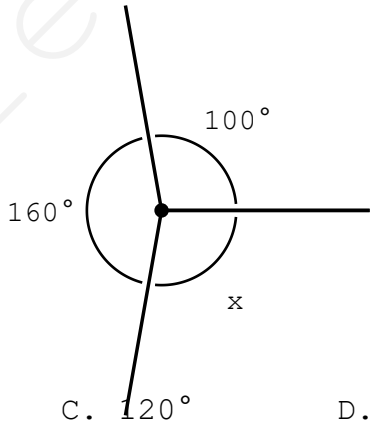


A. 0 B. 1 C. 2 D. 3 E. 4

Q8. What is the name of a 2D shape with 6 straight sides?

A. Pentagon B. Hexagon C. Heptagon D. Octagon E. Nonagon

Q9. These three angles meet at a point. Work out the size of angle x.



A. 100° B. 110° C. 120° D. 150° E. 160°

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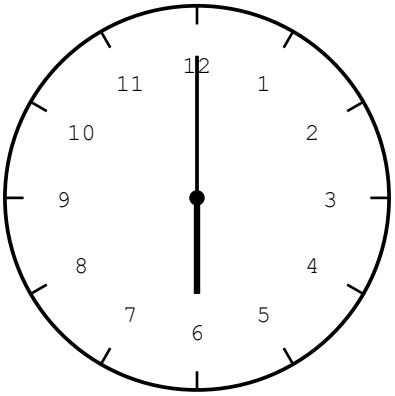
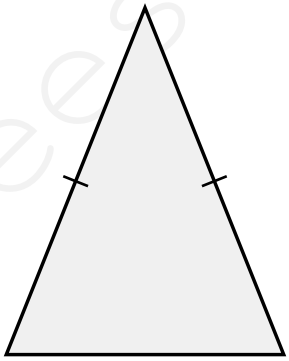
Q10. What is the size of the angle between the hands of this clock?



A. 90° B. 120° C. 150° D. 180° E. 210°

Q11. Two sides of this triangle are equal, shown by the dashes. What is this type of triangle called?



A. Equilateral

B. Scalene

C. Right-angled

D. Obtuse-angled

E. Isosceles

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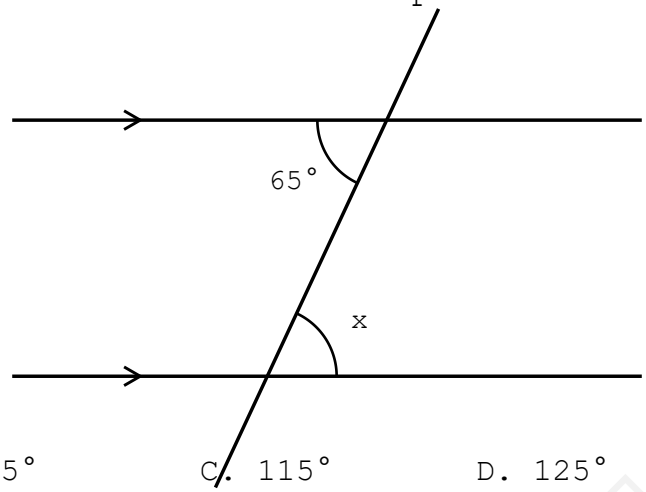
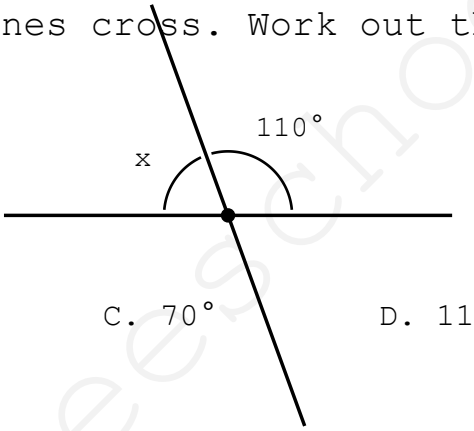
Q12. The two horizontal lines are parallel. Work out the size of angle x.



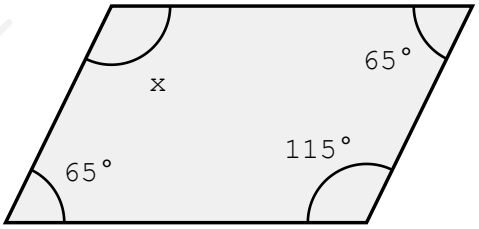
A. 25° B. 65° C. 115° D. 125° E. 145°

Q13. Two straight lines cross. Work out the size of angle x.



A. 20° B. 35° C. 70° D. 110° E. 145°

Q14. Work out the size of angle x in this parallelogram.



A. 65° B. 95° C. 105° D. 115° E. 125°

Q15. How many pairs of parallel sides does a rectangle have?

A. 0 B. 1 C. 2 D. 3 E. 4

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