



CREST Mathematics Olympiad (CMO) Worksheet *for*

Class 4



Topic
Geometry



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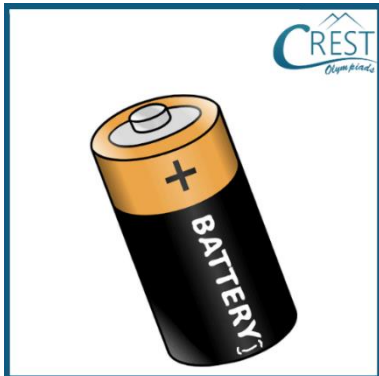


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Worksheet on Geometry

1. Choose the odd one out.

a.



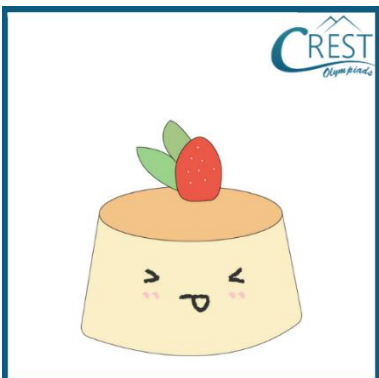
b.



c.



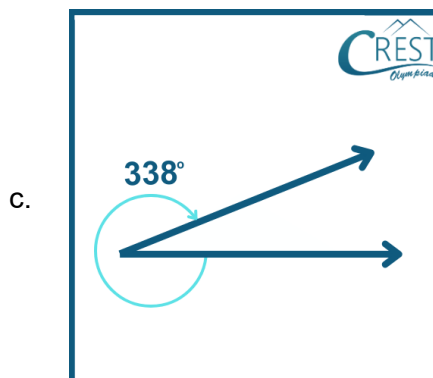
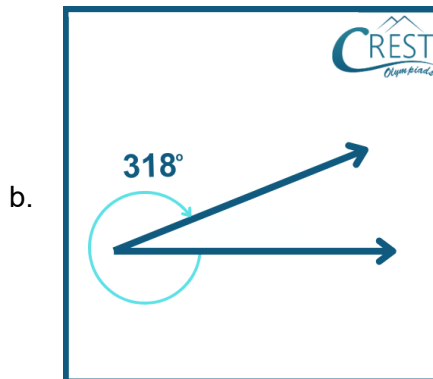
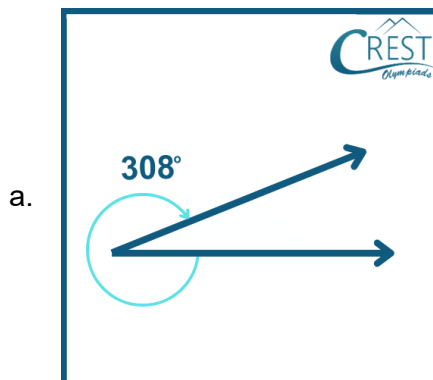
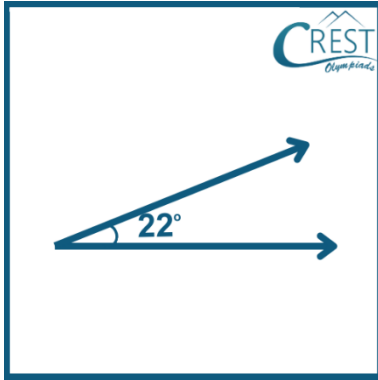
d.



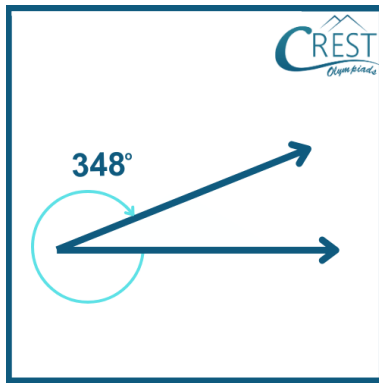
2. What is the measure of each angle of an isosceles right triangle?

- a. $90^\circ; 30^\circ; 30^\circ$
- b. $90^\circ; 45^\circ; 45^\circ$
- c. $90^\circ; 60^\circ; 30^\circ$
- d. $90^\circ; 60^\circ; 45^\circ$

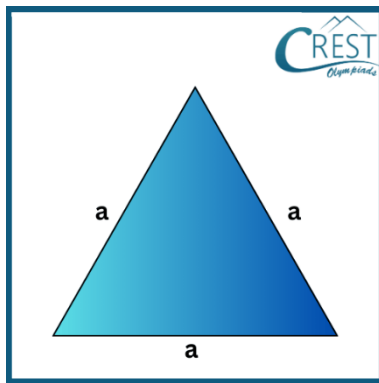
3. What is the reflex angle for the angle given below?



d.

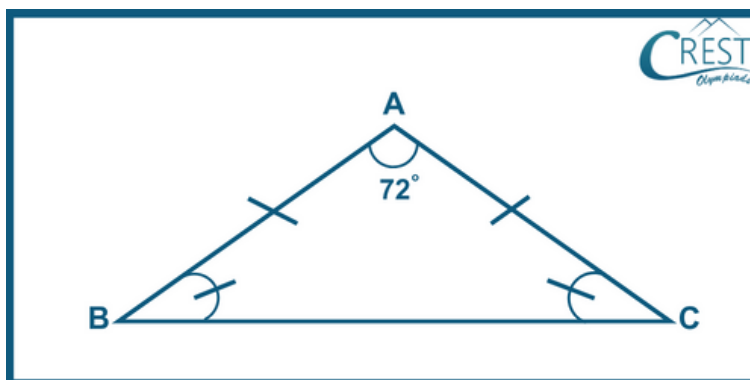


4. Identify the type of triangle based on angles.



- a. Scalene triangle
- b. Isosceles triangle
- c. Equilateral triangle
- d. Obtuse triangle

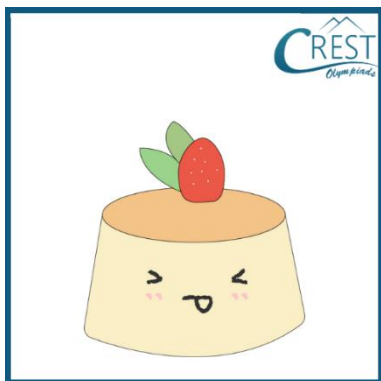
5. What is the value of each equal angle of the given isosceles triangle?



- a. 44°
- b. 54°
- c. 64°
- d. 84°

Answer Key

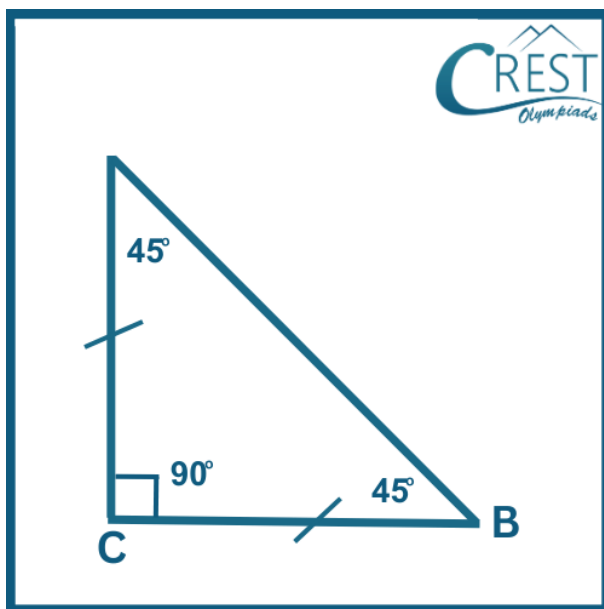
1. d -



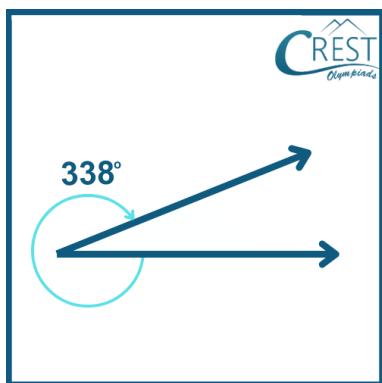
Explanation: Figures in options (a), (b) and (c) are cylinders except in option (d).

2. b - 90° ; 45° ; 45°

Explanation: Measure of each angle of an isosceles right triangle is 90° , 45° and 45° .



3. c -



Explanation: The reflex of the angle $22^\circ = 360^\circ - 22^\circ = 338^\circ$

4. c - Equilateral triangle

Explanation: It is an equilateral triangle where all three sides are of the same length and all the three angles are equal. Measure of each angle is 60° .

5. c - 54°

Explanation: Sum of the three angles in the triangle = 180°

Measure of both the equal angles of the given isosceles triangle = $180^\circ - 72^\circ = 108^\circ$

Measure of each equal angle of the given isosceles triangle = $108^\circ \div 2 = 54^\circ$

More Questions Coming Soon – Keep Learning!



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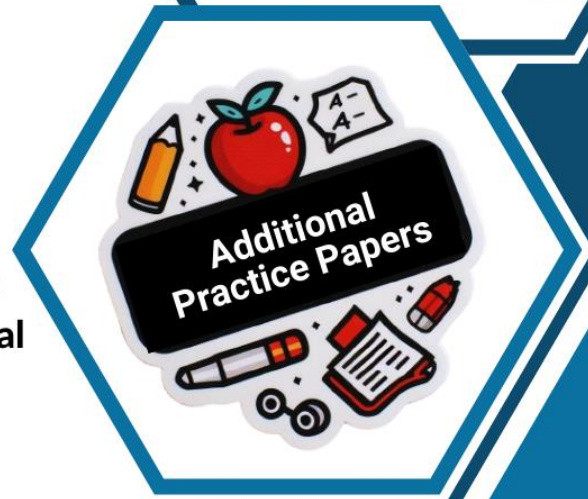
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