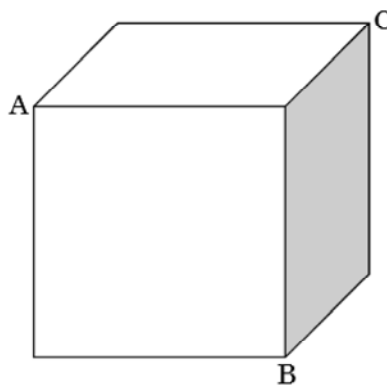


The edges of the cube are 4 cm.



1. Draw diagonals AB , AC , and BC .
2. What is the length of each diagonal?
3. What kind of triangle is $\triangle ABC$?
4. Find the measure of $\angle ABC$.
5. Find the perimeter of $\triangle ABC$.
6. Find the area of $\triangle ABC$.