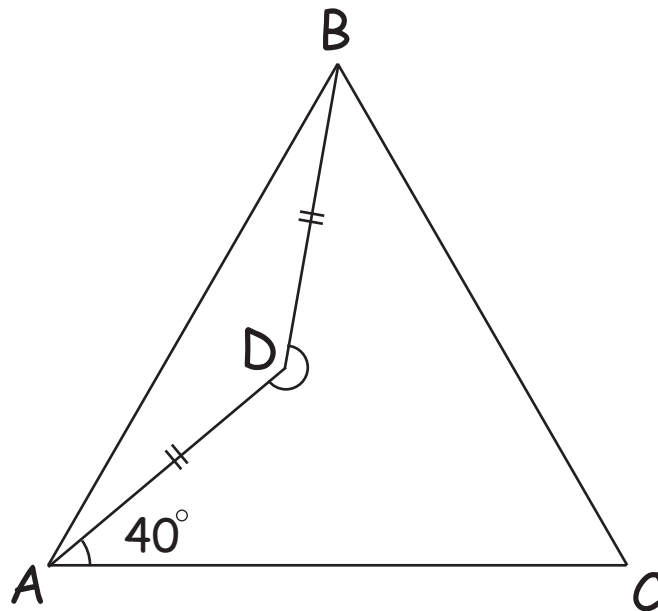


Know your Triangles

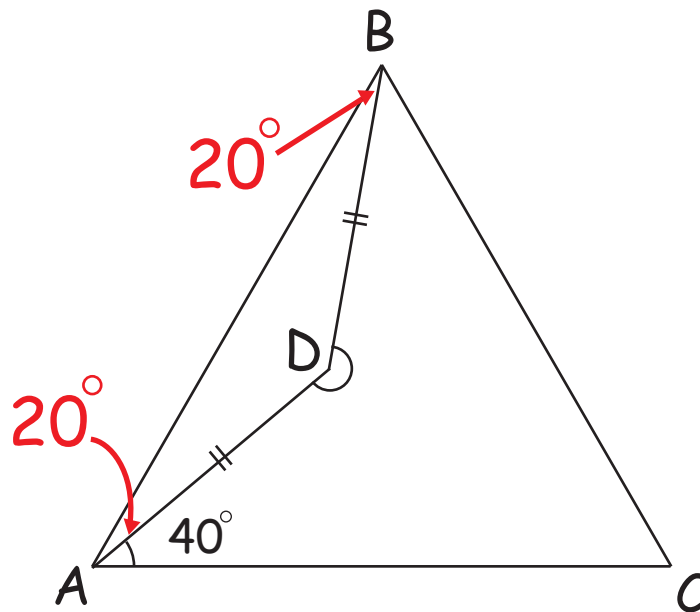
Name: _____ Class: _____

Use the following figure to answer the questions and find the unknown angle.



- (1) Triangle ABC has 3 equal sides. How do you call such a triangle?
- (2) Triangle ABD has 2 equal sides. What type of triangle is ABD?
- (3) What is the sum of 3 angles in a triangle?
- (4) What can we say about the angles in a equilateral triangle?
- (5) What can we say about the angles in a isosceles triangle?
- (6) What is the value of angle D?

Answers



- (1) Triangle ABC has 3 equal sides. How do you call such a triangle?

Equilateral triangle

- (2) Triangle ABD has 2 equal sides. What type of triangle is ABD?

Isosceles triangle

- (3) What is the sum of 3 angles in a triangle?

180 degrees

- (4) What can we say about the angles in a equilateral triangle?

Every angle is 60 degrees

- (5) What can we say about the angles in a isosceles triangle?

2 opposite angles are equal

- (6) What is the value of angle D?

140 degrees