

## Class 10 Mathematics - Triangles

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Easy Worksheet 2

#### Questions

1. State the Basic Proportionality Theorem (BPT).
2. Who is associated with the Basic Proportionality Theorem?
3. If a line is drawn parallel to one side of a triangle, what happens to the other two sides?
4. State the converse of the Basic Proportionality Theorem.
5. If a line divides two sides of a triangle in the same ratio, to which side is it parallel?
6. Complete:  
 $AD/DB = \underline{\hspace{2cm}}$  when  $DE \parallel BC$ .

#### Answer Key

1. A line drawn parallel to one side of a triangle divides the other two sides in the same ratio.
2. Thales.
3. They are divided in the same ratio.
4. If a line divides two sides of a triangle in the same ratio, then the line is parallel to the third side.
5. The third side.
6.  $AE/EC$ .