Name: **Date:**

Perimeter of Triangles – Problem Solving

Read each question carefully then solve each problem correctly. Show how you come up with your answer using the space provided. Give answer in complete sentence.

1. Mary baked a cookie in the shape of a triangle with sides measuring 23cm, 20cm and 25cm. What is the total of the sides of Mary's cookie?

   Perimeter of triangle =

   =

   =

2. The perimeter of a triangle is 98cm. If the sum of the two equal sides is 60cm, what is the length of its other side?

   Perimeter of triangle =

   =

   =

   =

LIVEWORKSHEETS

3. Mr. Brown built a tabletop in the shape of an equilateral triangle. If one side measures 36cm, what is the perimeter of the tabletop?

Perimeter of triangle =

=

=

4. Sam designed a game board in the shape of an equilateral triangle. If one of its sides measures 13.5cm, what is the perimeter of the game board?

Perimeter of triangle =

=

=

5. A garden has a perimeter of 69cm, if the garden is in the shape of an equilateral triangle, what are the lengths of all the sides?

Perimeter of triangle =

=

=

=

LIVEWORKSHEETS

6. A piece of land has a perimeter of 125cm. If the sum of two sides is 85cm, find the length of the other side.

Perimeter of triangle =

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=

=

7. An isosceles triangle has a perimeter of 60cm. If the base of the triangle measures 24cm, what is the length of the other two sides?

Perimeter of triangle =

=

=

=

8. The height of a right-angle triangle is 15cm. if the base of the triangle measures 12cm and the other side measures 18cm, calculate the perimeter.

Perimeter of triangle =

=

=

LIVEWORKSHEETS

9. A triangular pool with sides measuring 36cm, 24cm and 45cm respectively is at your school. If Your class is asked to find the perimeter of the pool, what would be the correct answer?

Perimeter of triangle =

=

=

10. If you were asked to walk around the pool four times, how many centimetres would you have walked?

Total centimeteres walked =

=

=

LIVEWORKSHEETS