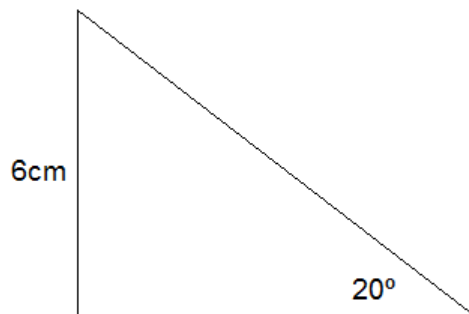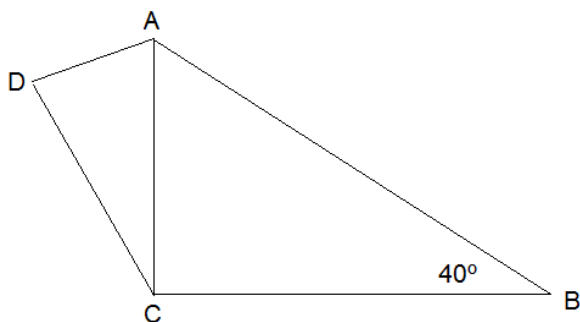Name:

QUIZ – MATH GRADE 10

1. (30%) Given the right triangle:

   a. (20%) Find the perimeter of the triangle.

   6cm

   20º

   b. (10%) Find the area of the triangle.

2. (30%) Given the following diagram. ACB = 90º, ADC = 90º, AB = 10 cm. Find the perimeter of the triangle ADC.

   A

   D

   40º

   C   B

3. (40%) Given a right triangle whose side lengths are 10, 24, x.

    a. (15%) Find the perimeter of the triangle.

    b. (15%) Find the largest angle in the triangle. Give your answer as an expression.

    c. (10%) Find the area of the triangle. Give your answer as an expression.

BONUS (10%)

Find the area of an isosceles triangle whose base is a half of its side and its perimeter is 10 cm^2