868

868TUTORS

TUTORS

Preparation for

High School Mathematics

Construction of Angles

Math

Instructions and Tips:

- ✓ **You have 90 minutes to complete this worksheet**
- ✓ **This worksheet consists of 11 questions**
- ✓ **Only pencils, rulers and compasses may be used**
- ✓ **All construction lines must be clearly shown**

Student Name: _____

Student ID: _____

Date: _ _ / _ _ / _ _ _ _

Total Score:

Highest Score:

Tutor's Comments:

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Question 1

Construct a 60° angle.

(3 marks)

Question 2

Construct an equilateral triangle with sides that are 3 cm in length.

(5 marks)

Question 3

Construct an equilateral triangle with sides that are 4 cm in length.

(5 marks)

Question 4

Construct an equilateral triangle with sides that are 5 cm in length.

(5 marks)

Question 5

Construct an equilateral triangle with sides that are 7cm in length.

(5 marks)

Question 6

Construct a 30 degree angle.

(4 marks)

Question 7

Construct a 15 degree angle.

(6 marks)

Question 8

Construct a 90 degree angle.

(2 marks)

Question 9

Construct a 45 degree angle.

(4 marks)

Question 10

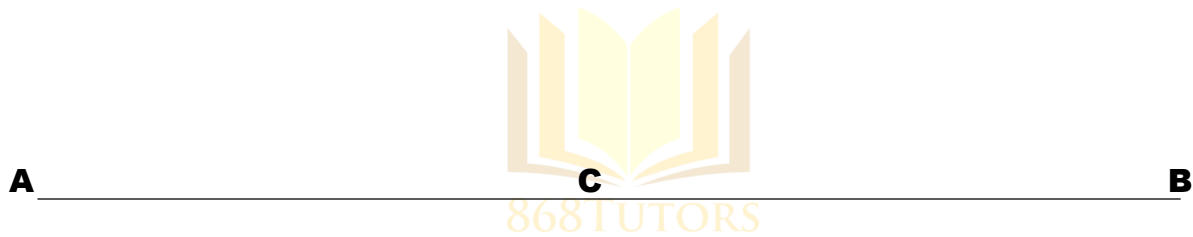**Construct the triangle PQR shown below.**

<PQR =90°

QR=5cm
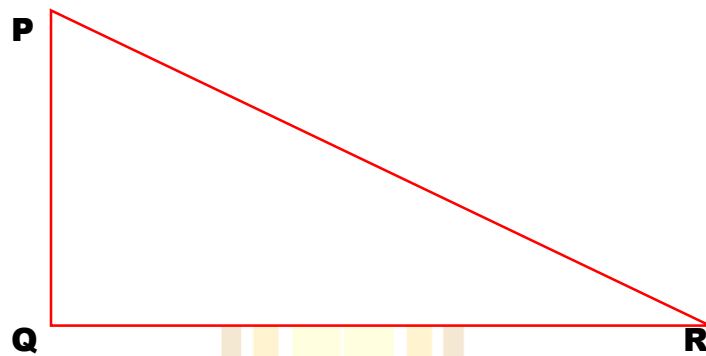
(4 marks)

Question 11

Construct a line that is perpendicular to the line AB shown below. This perpendicular line should pass through point C.

A _____C_____B

(3 marks)

END OF WORKSHEET