

Mathematical Aptitude

Practical Geometry

Skill Based Questions

Q.1. Subjective questions:

1. Construct a triangle, ABC such that $CA = 6.4$ cm, $CB = 4.8$ cm and the altitude CL to AB is 3.6 cm.

Ans.
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2. Construct a triangle ABC, such that $AB = 5.6$ cm, $AC = 5.2$ cm and median $BD = 4.4$ cm.

Ans.
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3. Construct an equilateral triangle whose altitude $AD = 5.3$ cm.

Ans.
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4. Construct an parallelogram ABCD, with $AC = 5.4$ cm, $BD = 6.8$ cm and angle between them is 60° .

Ans.
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5. Construct a rectangle ABCD, with $AC = 5.8$ cm and angle between AC and BD = 60° .

Ans.
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