

By. Er. Dharmendra Sir

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DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

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CLASS - 9th

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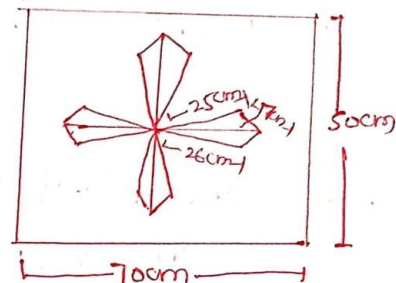
6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

Time: 1 hr

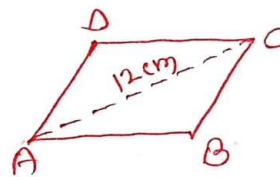
∴ Heron's formula!

mm!

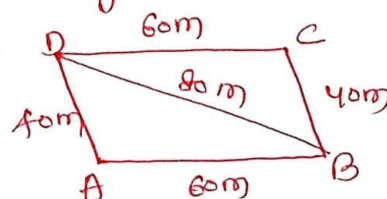
- Q.1. A design is made on a rectangular tile of dimensions $50\text{ cm} \times 70\text{ cm}$ as shown in fig. The design shows 8 tiles, each of side 26 cm , 17 cm and 25 cm . Find the total area of the design and the remaining area of the tiles.



- Q.2. A rhombus shaped sheet with perimeter 40 cm and one diagonal 12 cm is painted on both sides at the rate of ₹ 5 per cm^2 . Find the cost of painting.



- Q.3. A field in the form of a parallelogram has sides 60 m and 40 m and one of its diagonals is 80 m long. Find the area of parallelogram.



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Q.4. The area of the equilateral triangle is $20\sqrt{3}\text{cm}^2$ whose each side is 8cm. (prove)

Q.5. If the side of a rhombus is 10cm and one diagonal is 16 cm, then area of the rhombus is 96cm^2 (prove)



Q.6. The sides of a triangle are 35cm, 54 cm and 61 cm, respectively. The length of its longest altitude.

Q.7. The length of each side of an equilateral triangle having an area of $9\sqrt{3}\text{cm}^2$.

Q.8. The sides of a triangle are 56cm, 60cm and 52 cm long then find the area?



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