

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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SESSION -2024-25

CLASS - 6th

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Time : 1 hr

-: Algebra :-

mm!

Q. 1. Cadets are marching in a parade. There are 5 cadets in a row. What is the rule which gives the number of cadets, given the number of rows.



Q. 2. A bird flies 1 kilometer in one minute. Can you express the distance covered by the bird in terms of its flying time in minutes?

Q. 3. Leela is ~~Radha~~ Radha's younger sister. Leela is 4 years younger than Radha. Can you write Leela's age in terms of Radha's age? Take Radha's age to be x years.



Q. 4. Mother has made laddus. She gives some laddu to guests and family members still 5 laddus remain. If the number of laddus mother gave away is x . how many laddus did she make?

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Q.5. Oranges are to be transferred from larger boxes into smaller boxes. When a large box is emptied, the oranges from it fill two smaller boxes and still 10 oranges remain outside. If the number of oranges in a small box are taken to be x , what is the number of oranges in the larger box?



Q.6. Find the rule which gives the number of matchsticks required to make the following matchsticks patterns. Use a variable to write the rule.

(a) A pattern of letter T as T

(b) A pattern of letter Z as Z

(c) A pattern of letter U as U

(d) A pattern of letter E as E

(e) A pattern of letter A as A



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