

BCM SCHOOL, BASANT AVENUE, DUGRI ROAD, LUDHIANA
JULY ASSIGNMENT
CLASS: VII (MATHEMATICS)
TOPICS: SIMPLE EQUATIONS & LINES AND ANGLES ANSWER
KEY

SECTION B (2 MARKS QUESTIONS)

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| 4. | Let the angle be x and its complement be $90 - x$ ATQ:
$x = 5(90 - x)$ |
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SECTION C (3 MARKS QUESTIONS)

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| 6. | Let the angles be $3x$ and $2x$ ATQ:
$3x + 2x = 180^\circ$ |
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SECTION D (5 MARKS QUESTIONS)

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| 8. | Let Arun's age be $7x$ years
Rahul's age be $5x$ years
After 10 years,
Arun's age will be $7x + 10$ years
Rahul's age will be $5x + 10$ years ATQ:
$\frac{7x+10}{5x+10} = \frac{9}{7}$ |
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| 9. | Let one angle be x and its complement be $90 - x$ ATQ: $x - (90 - x) = 12$ |
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