

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)

4. Let the angle be x and its complement be $90 - x$
ATQ:
 $x = 5(90 - x)$

SECTION C (3 MARKS QUESTIONS)

6. Let the angles be $3x$ and $2x$
ATQ:
 $3x + 2x = 180^\circ$

SECTION D (5 MARKS QUESTIONS)

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:
 $\frac{7x+10}{5x+10} = \frac{9}{7}$

9. Let one angle be x and its complement be $90 - x$
ATQ:
 $x - (90 - x) = 12$