

PRACTISE MCQ FOR CLASS 10 CHAPTER 3

WRITE 'T' IN BOXES FOR CORRECT OPTION...

1. Graphically, the pair of linear equations $2x+4y=6$ and $4x+8y=8$ representing two lines which are:
 - Intersecting at one point
 - Coincident lines
 - Parallel lines
 - Intersecting at two points
2. If a pair of linear equations is consistent, then the lines will be
 - Parallel
 - Coincident
 - Intersecting & coincident
 - Intersecting
3. The pair of equations $X=2$ and $X=4$ has
 - One solution
 - No solution
 - Many solution
 - Two solution
4. The graph of equation $Y=-3$ is parallel to
 - Y axis
 - X axis
 - Both X and Y
 - None of these
5. The graph of equation $3X+4Y=7$ is
 - Curve
 - Horizontal
 - Straight line
 - Vertical
6. The sum of digits of two digit number is 9. If 9 is added to it, the digits of given number get reversed. The number is
 - 72
 - 36

c) 45
d) 63

7. The pair equations $ax+2y=7$ and $3x+by=16$ represent parallel lines if
a) $2a=3b$
b) $a=6b$
c) $a=b$
d) $ab=6$

8. If the lines given by $2x+ky=3$ and $4x-6y=9$ are parallel then the value of k is
a) 3
b) -6
c) 6
d) -3

9. Two numbers are in the ratio 5 : 6. If 8 is subtracted from each of the numbers, the ratio becomes 4 : 5. Then the numbers are:
a) 40, 42
(b) 42, 48
(c) 40, 48
(d) 44, 50

10. In a competitive examination, one mark is awarded for each correct answer while $1/2$ mark is deducted for every wrong answer. Radha answered 100 questions and got 70 marks. How many questions did she answer correctly?
a) 85
b) 80
c) 75
d) 70

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