Correct Equation, Algebra

Class VI, Mathematics

Q1. Which of the following equations have a solution in integers?

A. $2x + 2 = 9$
B. $2x + 3 = 14$
C. $2x - 3 = 13$
D. $2x + 4 = 7$

Q2. Which of the following equations have a solution in integers?

A. $2x + 2 = 9$
B. $2x + 3 = 6$
C. $2x + 4 = 9$
D. $4x + 3 = 15$

Q3. Which of the following equations have a solution in integers?

A. $4x + 4 = 7$
B. $3x + 2 = 6$
C. $4x + 2 = 15$
D. $3x + 4 = 16$

Q4. Which of the following equations have a solution in integers?

A. 2x + 4 = 15
B. 2x - 2 = 8
C. 4x + 2 = 7
D. 3x + 4 = 5

Q5. Which of the following equations have a solution in integers?

A. 2x + 3 = 12
B. 4x + 4 = 11
C. 2x + 3 = 9
D. 2x + 4 = 7

Q6. The equation _____ and 3x + 15 have the same solution.

A. 4x - 11
B. 8x + 20
C. 8x + 40
D. 6x + 10

Q7. Which of the following equations have a solution in integers?

A. 3x + 2 = 7
B. 2x + 4 = 16
C. 3x + 2 = 6
D. 2x + 3 = 10

Q8. Which of the following equations has x = 7 as a solution?

A. 5x + 1 = 34

B. 4x + 4 = 24
C. 6x + 5 = 47
D. 5x + 3 = 32

Q9. Which of the following equations has x = 5 as a solution?

A. 6x - 4 = 34
B. 3x + 3 = 18
C. 3x + 2 = 13
D. 4x - 5 = 25

Q10. Which of the following equations have a solution in integers?

A. 2x + 2 = 11
B. 2x - 3 = 13
C. 2x + 3 = 6
D. 4x + 3 = 12

Answer Sheet

Q1. C	Q2. D	Q3. D
Q4. B	Q5. C	Q6. C
Q7. B	Q8. C	Q9. B
Q10. B		