Negative Numbers & Integers: Hard Practice Paper 3

Q1. What is −9 × 7?

A. −72 B. −63 C. −16 D. 16 E. 63

Q2. What is −48 ÷ (−8)?

A. −6 B. −5 C. 5 D. 6 E. 40

Q3. What is −20 + (−6) × 3?

A. −78 B. −38 C. −26 D. −2 E. 38

Q4. What is the mean of −9, −5, 2, −4 and 1?

A. −5 B. −3 C. −1 D. 1 E. 3

Q5. What number comes next in this sequence?

−31, −24, −17, −10, ?

A. −17 B. −3 C. 0 D. 3 E. 7

Q6. If m = −5 and n = −2, what is the value of m × n − 3?

A. −13 B. −7 C. 7 D. 13 E. 17

Q7. In a quiz, a correct answer scores 5 points and a wrong answer scores −2 points. Zara answered all 20 questions and scored 44 points. How many did she get right?

A. 10 B. 11 C. 12 D. 14 E. 16

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Q8. The temperature at the top of a mountain is −24°C, and it rises 2 degrees for every 100 m you descend. What is the temperature 600 m lower down?

A. −36°C B. −22°C C. −12°C D. 0°C E. 12°C

Q9. What is (−4) × (−3) × (−2)?

A. −24 B. −9 C. 9 D. 24 E. 36

Q10. Solve for x.

$$x - (-6) = 1$$

A. −7 B. −5 C. 5 D. 6 E. 7

Q11. Which of these calculations gives the answer closest to zero?

A. −3 + 1 B. −7 + 6 C. 5 − 8 D. −2 − 2 E. 9 − 14

Q12. What is the range of these numbers?

−14, −6, 3, −11, 8

A. 11 B. 17 C. 19 D. 22 E. 25

Q13. A lift starts on floor 12, goes down 9 floors, up 3 floors and then down 8 floors. Which floor does it end on?

A. −4 B. −2 C. 0 D. 2 E. 4

Q14. The sum of three numbers is −5. Two of the numbers are −8 and 6. What is the third number?

A. −9 B. −3 C. 3 D. 7 E. 9

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Q15. The midday temperature was recorded on four days as −3°C, −7°C, 0°C and −6°C. What was the mean midday temperature?

A. −6 B. −5 C. −4 D. −3 E. 4

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