

Negative Numbers & Integers: Medium Practice Paper 3

Q1. What is $-15 + 23$?

- A. -38 B. -8 C. 8 D. 23 E. 38

Q2. What is $6 - (-6)$?

- A. -12 B. 0 C. 6 D. 12 E. 36

Q3. What is $-9 - (-15)$?

- A. -24 B. -6 C. 6 D. 15 E. 24

Q4. The temperature in a laboratory freezer starts at 3°C and falls 6 degrees every hour. What is the temperature after 4 hours?

- A. -27°C B. -21°C C. -18°C D. 21°C E. 27°C

Q5. Which number is exactly halfway between -14 and 6?

- A. -10 B. -8 C. -4 D. -2 E. 4

Q6. What number comes next in this sequence?

$-20, -15, -10, -5, ?$

- A. -25 B. -1 C. 0 D. 1 E. 5

Q7. In a card game, red cards score -4 points and blue cards score 7 points. Sam has 3 red cards and 4 blue cards. What is his total score?

- A. 12 B. 16 C. 19 D. 28 E. 40

Q8. Which number is 9 less than -4 ?

- A. -13 B. -5 C. 5 D. 13 E. 36

Q9. What is -6×5 ?

- A. -30 B. -11 C. -1 D. 11 E. 30

Q10. A hiker starts at 25 m below sea level and climbs to 140 m above sea level. How far has she climbed?

- A. 105 m B. 115 m C. 155 m D. 165 m E. 175 m

Q11. Which of these calculations has the answer -9 ?

- A. $-4 - 5$ B. $-12 + 5$ C. $5 - 13$ D. $-3 - 7$ E. $2 - 13$

Q12. In one week the lowest temperature recorded was -8°C and the highest was 5°C . What is the range?

- A. 3 B. 5 C. 8 D. 13 E. 40

Q13. What is the missing number?

$$? + 11 = -4$$

- A. -15 B. -7 C. 7 D. 15 E. 44

Q14. A tank of water at -7°C is heated until it reaches 18°C . By how many degrees has it risen?

- A. 11 B. 18 C. 23 D. 25 E. 26

Q15. Which of these numbers is NOT less than -5 ?

- A. -20 B. -12 C. -7 D. -6 E. -4