

Negative Numbers & Integers: Medium Practice Paper 1

Q1. What is $-8 + 15$?

- A. -23 B. -7 C. 7 D. 15 E. 23

Q2. What is $-6 - 9$?

- A. -15 B. -3 C. 3 D. 15 E. 54

Q3. What is $5 - (-3)$?

- A. -8 B. -2 C. 2 D. 8 E. 15

Q4. At 6 am the temperature was -4°C . It rose 7 degrees by noon and then fell 5 degrees by midnight. What was the temperature at midnight?

- A. -6°C B. -2°C C. 2°C D. 6°C E. 8°C

Q5. Which number is exactly halfway between -11 and 3?

- A. -7 B. -5 C. -4 D. -3 E. 0

Q6. What number comes next in this sequence?

$-13, -9, -5, -1, ?$

- A. -5 B. 0 C. 1 D. 3 E. 4

Q7. In a quiz a correct answer scores 3 points and a wrong answer scores -2 points. Maya answers 6 questions correctly and 4 wrongly. What is her total score?

- A. 6 B. 8 C. 10 D. 12 E. 26

Q8. What is the difference between -17 and 8 ?

- A. 9 B. 15 C. 17 D. 25 E. 27

Q9. Which of these calculations gives the smallest answer?

- A. $-5 + 3$ B. $-5 - 3$ C. $2 - 7$ D. $-1 + 4$ E. $-6 + 6$

Q10. A submarine at -45 m rises 18 m and then dives 25 m. What is its final depth?

- A. -88 m B. -52 m C. -38 m D. -2 m E. 52 m

Q11. What is -4×3 ?

- A. -12 B. -7 C. -1 D. 7 E. 12

Q12. Five cities recorded these temperatures: 3°C , -7°C , -2°C , 0°C and -11°C . What is the range of the temperatures?

- A. 8 B. 11 C. 13 D. 14 E. 17

Q13. What is the missing number?

$$-7 + ? = 5$$

- A. -12 B. -2 C. 2 D. 10 E. 12

Q14. Which number is the second smallest in this list?

$-3, -12, 5, -8, 0$

- A. -12 B. -8 C. -3 D. 0 E. 5

Q15. A freezer is set to -19°C , but a fault makes the temperature rise by 4 degrees every hour. What is the temperature after 3 hours?

- A. -31°C B. -15°C C. -7°C D. -3°C E. 7°C