

Negative Numbers & Integers: Hard Practice

Paper 4

Q1. What is $-12 \times (-5)$?

- A. -60 B. -17 C. 17 D. 55 E. 60

Q2. What is $-72 \div 9$?

- A. -81 B. -8 C. -7 D. 8 E. 81

Q3. What is $5 - (-3) \times 4$?

- A. -17 B. -7 C. 8 D. 17 E. 32

Q4. What is the mean of -20, -13, -6, 1 and 8?

- A. -10 B. -7 C. -6 D. -4 E. 6

Q5. A sequence begins 3, -1, -5, -9, ... What is the 7th term?

- A. -25 B. -21 C. -17 D. -13 E. 21

Q6. If $a = -6$ and $b = -2$, what is the value of $a \div b + 5$?

- A. -8 B. 2 C. 3 D. 8 E. 17

Q7. In a competition a goal scores 40 points and a foul scores -15 points. A team scored 3 goals and finished with 60 points. How many fouls did they commit?

- A. 2 B. 3 C. 4 D. 5 E. 6

Q8. The inside of a freezer is at -18°C . When the door is left open the temperature rises 3 degrees every minute. After how many minutes does it reach 0°C ?

- A. 4 B. 5 C. 6 D. 7 E. 9

Q9. What is $(-7) - (-7) - 7$?

- A. -21 B. -14 C. -7 D. 0 E. 7

Q10. Solve for x.

$$-4x = 28$$

- A. -32 B. -24 C. -7 D. 7 E. 24

Q11. Which of these statements is FALSE?

- A. $-9 < -5$ B. $-1 > -8$ C. $0 > -3$ D. $-12 < -20$ E. $-6 > -7$

Q12. A weather station recorded: Monday -5°C , Tuesday 2°C , Wednesday -8°C , Thursday -1°C and Friday 4°C . On how many days was the temperature below -2°C ?

- A. 1 B. 2 C. 3 D. 4 E. 5

Q13. The lowest point of a valley is 45 m below sea level. A plane flies 1,200 m above sea level directly overhead. What is the distance between the plane and the valley floor?

- A. 1,155 m B. 1,165 m C. 1,235 m D. 1,245 m E. 1,255 m

Q14. A number is multiplied by -3 and then 8 is added, giving -13 . What is the number?

- A. -7 B. -5 C. 5 D. 7 E. 21

Q15. What is the value of $-2 \times (7 - 10)$?

A. -34

B. -6

C. 6

D. 14

E. 34

myfreeschool