

Negative Numbers & Integers: Hard Practice Paper 7

Q1. What is -11×8 ?

- A. -88 B. -80 C. -19 D. 19 E. 88

Q2. What is $144 \div (-12)$?

- A. -12 B. -11 C. -9 D. 12 E. 132

Q3. What is $(-6)^2 \div (-4)$?

- A. -9 B. -6 C. 6 D. 9 E. 81

Q4. The table shows a golfer's score against par in each of four rounds. What was her total for the four rounds?

Round	Score
Round 1	-2
Round 2	+5
Round 3	-4
Round 4	-1

- A. 2 under par
B. 2 over par
C. 4 under par
D. 8 under par
E. 12 over par

Q5. A sequence begins -38, -31, -24, -17, ... What is the 9th term?

- A. 4 B. 11 C. 18 D. 25 E. 32

Q6. If $a = -12$ and $b = -3$, what is the value of $a \div b - b$?

- A. -7 B. -1 C. 1 D. 7 E. 9

Q7. Which of these calculations gives the smallest answer?

- A. -6×5
B. $-40 \div 2$
C. $-13 - 12$
D. $-9 + (-15)$
E. $3 \times (-9)$

Q8. Solve for x .

$$4 - 2x = 18$$

- A. -11 B. -7 C. -3 D. 7 E. 11

Q9. A hot-air balloon is 250 m above the ground. The ground below it is 30 m below sea level. Taking sea level as 0, how high is the balloon above sea level?

- A. 190 m B. 220 m C. 250 m D. 280 m E. 320 m

Q10. The table shows the lowest and highest temperature on five days. Which day had the greatest difference between them?

Day	Lowest	Highest
Monday	-6°C	4°C
Tuesday	-11°C	1°C
Wednesday	-3°C	8°C
Thursday	-14°C	-4°C
Friday	0°C	9°C

- A. Monday B. Tuesday C. Wednesday D. Thursday E. Friday

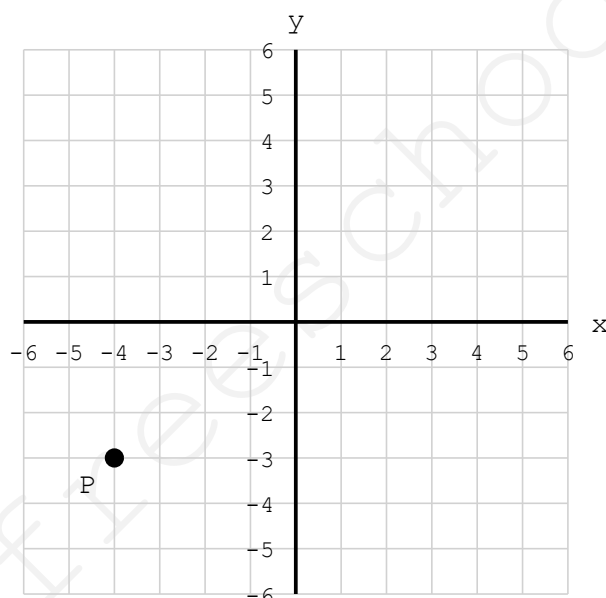
Q11. The mean of four numbers is -3 . Three of the numbers are -8 , 2 and -5 . What is the fourth number?

- A. -11 B. -7 C. -1 D. 1 E. 7

Q12. Which of these is NOT equal to -8 ?

- A. $-15 + 7$ B. $2 - 10$ C. -4×2 D. $-16 \div 2$ E. $-3 - 6$

Q13. Point P is marked on the grid. It moves 7 squares right and 5 squares up. What are its new coordinates?



- A. $(3, 2)$ B. $(2, 3)$ C. $(-11, 2)$ D. $(3, -8)$ E. $(-3, 2)$

Q14. A shop's bank balance is $-\pounds 1,250$. It pays in $\pounds 180$ every week. After how many weeks is the balance first above zero?

- A. 5 B. 6 C. 7 D. 8 E. 10

Q15. What is the value of $-3 \times (-4 + 9)$?

- A. -39 B. -15 C. -3 D. 15 E. 39