

Negative Numbers & Integers: Medium Practice Paper 2 Answers

Q#	Answer	Explanation
1	B	Moving 6 steps to the right from -13 gives -7, which is still below zero.
2	D	Subtracting a negative is the same as adding, so $4 - (-9) = 4 + 9 = 13$.
3	C	Subtracting -2 is the same as adding 2, so $-7 - (-2) = -7 + 2 = -5$.
4	C	$-6 - 4 = -10$, then $-10 + 9 = -1$, so the temperature is -1°C .
5	B	The gap from -8 to -2 is 6, and half of 6 is 3. Counting 3 on from -8 gives -5.
6	B	The numbers go down by 5 each time, so after -8 comes $-8 - 5 = -13$.
7	C	Seven hits give $7 \times 5 = 35$ and five misses give $5 \times (-3) = -15$, so $35 - 15 = 20$.
8	D	The highest is 7 and the lowest is -15, so the difference is $7 - (-15) = 7 + 15 = 22$.
9	A	-5×4 means four lots of -5, which is -20. A negative times a positive gives a negative answer.
10	B	$5 - 9 = -4$, then $-4 + 3 = -1$, so the lift is on floor -1.
11	C	The answers are -15, -7, -5, -6 and -9. All are negative, and the largest is -5, which comes from $6 - 11$.
12	B	The total fall is $6 - (-12) = 18$ degrees, and $18 \div 6 = 3$ degrees each hour.
13	D	Work backwards by adding 8 to -3: $-3 + 8 = 5$. Checking, $5 - 8 = -3$.
14	D	From -7 up to 0 is 7 steps and from 0 up to 6 is 6 more, so the distance is 13.
15	B	After 1 week the balance is $-48 + 30 = -\pounds 18$, which is still negative. After 2 weeks it is $-18 + 30 = \pounds 12$, which is positive.