

Negative Numbers & Integers: Medium Practice Paper 4 Answers

Q#	Answer	Explanation
1	B	Work from left to right: $-11 + 4 = -7$, then $-7 - 6 = -13$.
2	C	Subtracting -8 is the same as adding 8, so $-3 + 8 = 5$.
3	B	Adding a negative is the same as subtracting, so $12 + (-20) = 12 - 20 = -8$.
4	B	From 8 pm to 2 am is 6 hours, which is three lots of 2 hours, so the fall is $3 \times 3 = 9$ degrees. $2 - 9 = -7$.
5	C	The gap from -9 to 5 is 14, and half of 14 is 7. Counting 7 on from -9 gives -2 .
6	C	The numbers go down by 3 each time, so after -11 comes $-11 - 3 = -14$.
7	C	The wins give $5 \times 6 = 30$ and the losses give $6 \times (-4) = -24$, so the total is $30 - 24 = 6$.
8	C	Counting from -13 up to -7 takes 6 steps, so -13 is 6 smaller than -7 .
9	B	$24 \div 4 = 6$, and dividing a negative number by a positive one gives a negative answer, so $-24 \div 4 = -6$.
10	D	$-3 + 7 = 4$, then $4 - 2 = 2$, so Priya is on floor 2.
11	A	The most negative number comes first, so the order is -15 , -6 , -2 , then 0 and finally 9.
12	C	Tuesday was $-5 - 4 = -9^{\circ}\text{C}$, and Wednesday was $-9 + 6 = -3^{\circ}\text{C}$.
13	C	Going from -5 down to -14 is 9 steps to the left, so the number taken away is 9.
14	B	Add in order: $-7 + 4 = -3$, then $-3 + (-5) = -8$.
15	C	The number must lie between -6 and -2 on a number line, and only -4 does.