Negative Numbers & Integers: Medium Practice Paper 7

Q1. What is 6 + (−14)?

A. −20 *B.* −8 *C.* 8 *D.* 14 *E.* 20

Q2. What is −13 − 8?

A. −21 *B.* −11 *C.* −5 *D.* 5 *E.* 21

Q3. The table shows the height of five places compared with sea level. Which place is 40 m higher than the Salt Flat?

Place	Height
Cliff Top	55 m
Harbour	0 m
Salt Flat	−25 m
Marsh	−10 m
Ridge	15 m

A. Cliff Top *B.* Harbour *C.* Salt Flat *D.* Marsh *E.* Ridge

Q4. Which of these calculations does NOT give −12?

A. −4 × 3 *B.* −20 + 8 *C.* −5 − 7 *D.* 36 ÷ (−3) *E.* −15 + 4

Q5. At 8 pm the temperature is 1°C and it falls 2 degrees every hour. What is the temperature at midnight?

A. −9°C *B.* −7°C *C.* −5°C *D.* 7°C *E.* 9°C

Q6. A sequence begins 14, 8, 2, −4, … What is the 7th term?

A. −16 *B.* −18 *C.* −22 *D.* −26 *E.* −28

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Q7. If a = −5, what is the value of 3a + 4?

A. −19 *B.* −11 *C.* −1 *D.* 11 *E.* 19

Q8. Which pair of numbers has a difference of 9?

A. −4 and 5

B. −6 and 2

C. −3 and 7

D. −11 and −1

E. 0 and −7

Q9. A car park has floors 3, 2, 1, 0, −1, −2, −3 and −4. A car on floor 2 goes down 5 floors and then up 1 floor. Which floor is it on?

A. −4 *B.* −3 *C.* −2 *D.* −1 *E.* 0

Q10. What is the median of these numbers?

−7, 2, −4, 0, −9

A. −9 *B.* −7 *C.* −4 *D.* −3.6 *E.* 0

Q11. The table shows the goals four teams scored and let in. Which team has a goal difference of −4?

Team	Scored	Let in
Reds	12	9
Blues	7	10
Greens	15	19
Whites	6	6
Golds	10	8

A. Reds *B.* Blues *C.* Greens *D.* Whites *E.* Golds

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Q12. Which of these statements is always true?

A. Adding a negative number makes the answer smaller

B. Subtracting a negative number makes the answer smaller

C. Multiplying two negative numbers gives a negative answer

D. Dividing a negative number by a negative number gives a negative answer

E. Zero is a negative number

Q13. Solve for x.

$$x + 9 = -4$$

A. −13 *B.* −5 *C.* −4 *D.* 5 *E.* 13

Q14. A submarine at −60 m rises 25 m and then dives 40 m. What is its depth now?

A. −105 m *B.* −75 m *C.* −45 m *D.* −25 m *E.* 75 m

Q15. On a timeline, years BC are written as negative numbers, so 200 BC is −200 and AD 150 is 150. How many years apart are they?

A. 50 *B.* 150 *C.* 250 *D.* 350 *E.* 400

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