

Negative Numbers & Integers: Medium Practice Paper 8

Q1. What is $-20 + 35 - 8$?

- A. -23 B. -7 C. 7 D. 23 E. 47

Q2. What is $(-6) + (-9)$?

- A. -15 B. -3 C. 3 D. 15 E. 54

Q3. The table shows the temperature at midnight and at midday. On which day did the temperature rise the most?

Day	Midnight	Midday
Monday	-5°C	2°C
Tuesday	-8°C	1°C
Wednesday	-2°C	6°C
Thursday	-11°C	-5°C
Friday	0°C	4°C

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

Q4. Which of these has the largest value?

- A. $-20 \div 2$ B. $-7 + 15$ C. $5 - (-6)$ D. -2×6 E. $-3 \times (-4)$

Q5. A number is 8 less than -3 . What is the number?

- A. -11 B. -5 C. 5 D. 11 E. 24

Q6. What is the missing number?

$$-4 - ? = 3$$

- A. -7 B. -1 C. 1 D. 7 E. 12

Q7. The table shows Ellie's bank balance at the end of each week. Between which two weeks did the balance rise the most?

Week	Balance
Week 1	-£40
Week 2	-£15
Week 3	-£25
Week 4	£10
Week 5	£5

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

Q8. Only one of these calculations has an answer above zero. Which one?

- A. $-5 \times (-3)$ B. -5×3 C. $-15 \div 3$ D. $-2 - 9$ E. $4 - 11$

Q9. What is the mean of -8, -3, 2 and 1?

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

Q10. Which list puts these numbers in order, largest first?
-2, -13, 0, -9, 4

- A. 4, 0, -13, -9, -2
- B. -13, -9, -2, 0, 4
- C. 0, 4, -2, -9, -13
- D. 4, 0, -2, -9, -13
- E. 4, 0, -2, -13, -9

Q11. A freezer is at -18°C . A fault makes the temperature rise 2 degrees every hour. How many hours until it reaches 0°C ?

- A. 7 B. 8 C. 9 D. 16 E. 36

Q12. What is $-7 \times 3 + 25$?

- A. -46 B. -4 C. 4 D. 46 E. 54

Q13. Two numbers add up to -5. One of them is 8. What is the other?

- A. -13 B. -3 C. 3 D. 13 E. 40

Q14. Which number is exactly halfway between -18 and -6?

- A. -15 B. -13 C. -12 D. -10 E. -9

Q15. A shop records a profit as a positive number and a loss as a negative one. Over four months the results were $-\text{£}350$, $\text{£}120$, $-\text{£}80$ and $\text{£}410$. What is the total?

- A. $-\text{£}100$ B. $\text{£}100$ C. $\text{£}180$ D. $\text{£}530$ E. $\text{£}960$