Negative Numbers & Integers: Hard Practice Paper 5

Q1. What is $-8 \times (-9)$?

A. −72 B. −17 C. 17 D. 64 E. 72

Q2. What is $-60 \div (-12)$?

A. −72 B. −5 C. 5 D. 48 E. 72

Q3. What is $-3 \times 4 + 20 \div (-5)$?

A. −32 B. −16 C. −8 D. 8 E. 16

Q4. What is the mean of −12, −7, −5 and 0?

A. −8 B. −6 C. −5 D. −3 E. 6

Q5. A sequence begins −5, −1, 3, 7, ... Which is the first term greater than 20?

A. 6th B. 7th C. 8th D. 9th E. 10th

Q6. If $x = -2$, what is the value of $5 - 4x$?

A. −13 B. −3 C. 3 D. 13 E. 18

Q7. A submarine at −120 m rises at 15 m every minute. How many minutes does it take to reach the surface?

A. 6 B. 7 C. 8 D. 9 E. 10

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Q8. At dawn the temperature was −9°C. It rose steadily to 15°C at 3 pm, 6 hours later. What was the average rise per hour?

A. 2 B. 3 C. 4 D. 5 E. 6

Q9. What is the value of $(-5)^2$?

A. −25 B. −10 C. 10 D. 25 E. 32

Q10. Solve for x.

$$2x + 9 = -5$$

A. −14 B. −7 C. −2 D. 2 E. 7

Q11. Which of these calculations gives the largest answer?

A. −4 × (−6) B. −100 ÷ 4 C. 18 − 30 D. −7 × 3 E. −9 − 9

Q12. In a card game Jo's scores over five rounds were −6, 4, −9, 2 and −11. What was her total score?

A. −32 B. −28 C. −20 D. −12 E. 20

Q13. A number line has −40 and 24 marked on it. Which number is exactly halfway between them?

A. −16 B. −8 C. −4 D. 8 E. 16

Q14. One day the temperature at the North Pole was −34°C, which was 47 degrees colder than in London. What was the temperature in London?

A. −81°C B. −13°C C. 13°C D. 47°C E. 81°C

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Q15. Which of these calculations gives a negative answer?

A. $-2 \times (-3) \times (-4)$

B. $-2 \times (-3) \times 4$

C. $-5 \times (-5)$

D. $-20 \div (-4)$

E. $(-3)^2$

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