

Calculate:

$$(-3) + (-4) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

■ **Hint:** Adding two negatives gives a bigger negative



2

Calculate:

$$5 + (-8) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: Move left on the number line



3

Calculate:

$$(-6) - (-2) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

■ Hint: Minus a negative = plus a positive!



4

Calculate:

$$(-4) \times 3 = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: Negative $\times$ positive = negative



5

Calculate:

$$(-5) \times (-4) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: Negative $\times$ negative = positive!



6

Which is the biggest number?

$-5, -1, -9, -3$

My answer:

Working out space:

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■ Hint: Closest to zero = biggest



Calculate:

$$(-20) \div 4 = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

■ Hint: Negative $\div$ positive = negative



8

Calculate:

$$-3 + 10 - 4 = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: Work left to right, one step at a time



9

Word problem:

Temperature was -8°C .

It rose by 11°C . New temperature?

My answer:

Working out space:

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■ Hint: Start below zero and add warmth



10

Calculate:

$$(-3)^2 = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: Squaring means multiply by itself



11

Order from smallest to biggest:

4, -7, 0, -2, 6

My answer:

Working out space:

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■ Hint: Negatives are smaller than zero



12

Calculate:

$$8 + (-12) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: More negative than positive



13

Calculate:

$$(-2) \times (-3) \times (-1) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

■ Hint: Work it out step by step



14

Fill in the missing number:

$$\underline{\hspace{1cm}} + (-5) = 3$$

My answer:

Working out space:

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■ Hint: What + (-5) gives 3?



15

Calculate:

$$(-15) \div (-3) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: Negative ÷ negative = positive!



16

Word problem:

A submarine is at -45m .

It rises 18m . New depth?

My answer:

Working out space:

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■ Hint: Add 18 to -45



17

Calculate:

$$12 - (-4) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

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■ Hint: Minus a negative flips to plus



18

Fill in the missing number:

$$(-4) \times \underline{\quad} = 20$$

My answer:

Working out space:

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■ Hint: What times -4 gives 20?



19

Calculate:

$$-6 + (-3) - (-9) = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

■ Hint: Take it step by step



20

Final challenge!

The temperature at midnight was -6°C .

By noon it doubled in warmth.

What was the noon temperature?

My answer:

Working out space:

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■ Hint: Careful — think about what 'doubled in warmth' means



Answer Key — Integers

For parent / teacher use only

Answers will vary — check working and reasoning, not just final answers.

Q1. $(-3) + (-4) = \underline{\hspace{1cm}}?$

Q2. $5 + (-8) = \underline{\hspace{1cm}}?$

Q3. $(-6) - (-2) = \underline{\hspace{1cm}}?$

Q4. $(-4) \times 3 = \underline{\hspace{1cm}}?$

Q5. $(-5) \times (-4) = \underline{\hspace{1cm}}?$

Q6. $-5, -1, -9, -3$

Q7. $(-20) \div 4 = \underline{\hspace{1cm}}?$

Q8. $-3 + 10 - 4 = \underline{\hspace{1cm}}?$

Q9. Temperature was -8°C .

Q10. $(-3)^2 = \underline{\hspace{1cm}}?$

Q11. $4, -7, 0, -2, 6$

Q12. $8 + (-12) = \underline{\hspace{1cm}}?$

Q13. $(-2) \times (-3) \times (-1) = \underline{\hspace{1cm}}?$

Q14. $\underline{\hspace{1cm}} + (-5) = 3$

Q15. $(-15) \div (-3) = \underline{\hspace{1cm}}?$

Q16. A submarine is at -45m .

Q17. $12 - (-4) = \underline{\hspace{1cm}}?$

Q18. $(-4) \times \underline{\hspace{1cm}} = 20$

Q19. $-6 + (-3) - (-9) = \underline{\hspace{1cm}}?$

Q20. The temperature at midnight was -6°C .