

Get better at Math.
Get better at
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive
Platform**



**Interactive Visual
Simulations**



**Personalized
Attention**

For Grades 1 - 10



LIVE online classes
by trained and
certified experts.

Get the Cuemath advantage

Book a FREE trial class

Integers Worksheet

1. Find the value of each of the following products.

i) $(-3) \times 10$

ii) $4 \times (-20)$

iii) $(-2) \times (-2) \times 5$

iv) $2 \times (-7) \times (-1)$

v) $(-1) \times (-9) \times 0 \times (-6) \times (-2)$

2. Find the value of a if product of a with

i) -1 is 100

ii) 300 is 1

3. Verify the following:

$$(-5) \times [(-2) + (-5)] = [(-5) \times (-2)] + [(-5) \times (-5)]$$

4. The fish in the pond below carry some numbers. Choose any 2 pairs and carry out two multiplications with those numbers. Now, choose two other pairs and carry out divisions with these numbers.

5. Use $>$, $<$ OR $=$ symbols in the blank space in each of the following.

i) $(-3) - (-5)$ ___ $(-4) + (-9)$

ii) $71 - 2 - 31$ ___ $71 - 2 + 31$

6. Fill in the blanks.

i) $(-1) \times$ even number of times = _____

ii) $(-1) \times$ odd number of times = _____

iii) $(-3589) \div$ _____ = -1

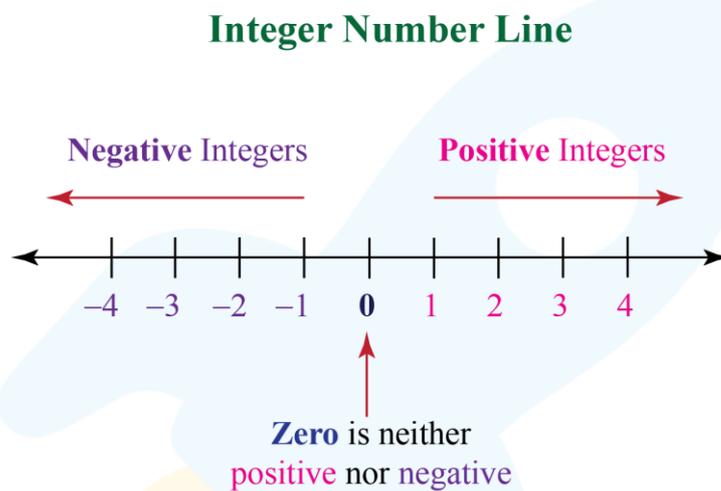
iv) _____ $\div 993 = 0$

7. Write a negative integer and a positive integer whose

- i) Sum is -3
- ii) Difference is 10

8. Use the below given integer number line to find a pair of integers whose:

- i) Sum is -8
- ii) Difference is 0
- iii) Sum is -2
- iv) Difference is 2



9. In a Math test (+2) marks are given for every correct answer and 1 mark is given for every incorrect answer. Zayn gets 12 of her answers correct out of 18 questions on the test. What will be his score?

10. The weather report suggested that your city's temperature increased from -10 degree celsius to 20 degree celsius. What is the rise in temperature?

**When you learn math
in an interesting way,
you never forget.**



25 Million

Math classes &
counting

100K+

Students learning
Math the right way

20+ Countries

Present across USA, UK,
Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class


ANSWERS

| | |
|----|---|
| 1) | i) -30 ii) -80 iii) 20 iv) 14 v) 0 |
| 2) | i) $a \times -1 = 100$ $a = 100 / -1 = -100$ ii) $a \times 300 = 1$ $a = 1 \div 300 = \frac{1}{300}$ |
| 3) | LHS: $(-5) \times [(-2) + (-5)] = 35$ RHS: $[(-5) \times (-2)] + [(-5) \times (-5)] = 35$ LHS = RHS |
| 4) | Few possible answers are given below: $+9 \times -8 = -56$ $-8 \times -13 = -21$ $-27 \div +9 = -3$ $-24 \div -8 = 3$ |
| 5) | i) $(-3) - (-5) > (-4) + (-9)$ ii) $71 - 2 - 31 < 71 - 2 + 31$ iii) $39 + (-35) - (58) < 37 + (-11) - (+26)$ iv) $23 + (-8) - 7 = 9 - 13 + 12$ |
| 6) | i) $(-1) \times$ even number of times = 1 ii) $(-1) \times$ odd number of times = -1 iii) $(-3589) \div 3589 = -1$ iv) $0 \div 993 = 0$ |

| | |
|-----|---|
| 7) | i) -5 and 2 ii) 5 and -5. For finding the difference between two numbers, we just subtract the smaller number from the bigger one. $5 - (-5) = 10$ |
| 8) | i) Sum is -8 : -1 and -7 ii) Difference is 0 : -2 and +2 iii) Sum is -2 : 2 and -4 iv) Difference is 2 : 0 and -2 |
| 9) | Zayn scored 18 marks. Zayn answered 12 questions correctly and 6 questions incorrectly. Marks awarded for 12 correct answers: $12 (2) = 24$ Marks deducted for 6 incorrect answers: $6 (-1) = -6$ Total score of Zayn: $24 + (-6) = 18$ |
| 10) | The rise in temperature is 30 degree celsius. |

FUN FACT

- An easy trick to remember the order of PEMDAS is "Please Excuse My Dear Aunt Sally".
- Many mnemonics following order of operations are used along with PEMDAS worldwide, like BODMAS, BEDMAS, and BIDMAS.

