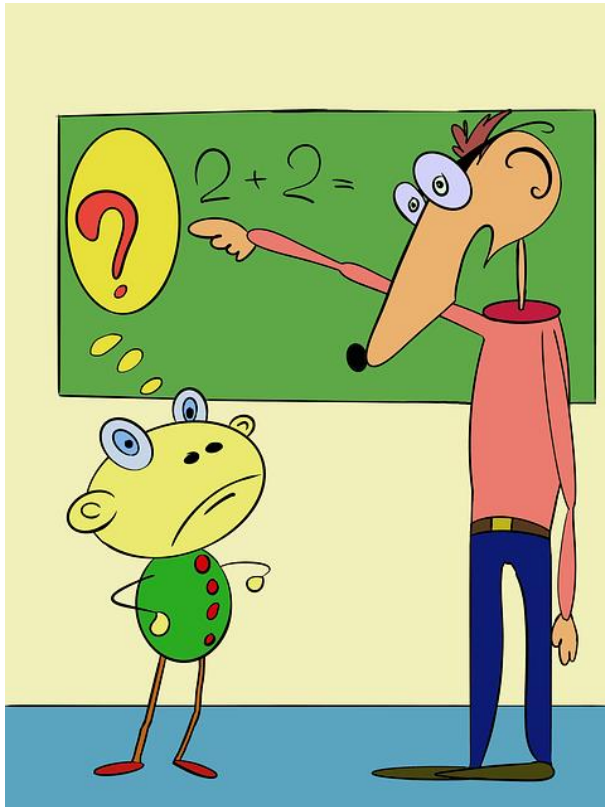




INTEGERS

Grades 6, 7 and 8
(CBSE, IGCSE, State
Boards)

WORKSHEET-1

Prepared by

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Worksheet - 1

Integers

Grades VI, VII and VIII

Prepared by Thirumaran Natarajan

1. Evaluate:

$$-1 + 1 + (-1) - (-1) - 1 - 1 - (-1) - [-\{-(-1)\}]$$

2. Evaluate:

$$-|-1| + (-1)$$

3.

A bird is flying at an altitude of 175 m from sea level and fish is swimming at a depth of 100 m from sea level. Find the vertical distance between the bird and the fish.

4. Compare the following numbers and use the appropriate sign

< or > or = in the box shown below:

$$-10 \quad \boxed{} \quad -15$$

5. Evaluate, compare and use the appropriate sign < or > or = in the box shown below:

$$-3 + 8 - (-2) \quad \boxed{} \quad -10 + (-5) + 6 - 2 + 18$$

6. Fill in the blank space given below:

Additive identity of integers is _____.

7. $-372 + \boxed{} = -372$

8. Fill in the right-hand side part of the equation given below as per the distributive property of multiplication over addition:

$(-3) \times [-2 + 6] =$

9. Is the following statement true or false? Justify your answer with an example

Integers are closed under addition

10. Evaluate:

$$-15 \times 3 + 2 + 10 \div 2 = ?$$

Hint: Apply **BODMAS** (*Brackets, Of, Division, Multiplication, Addition and Subtraction*) rule to solve this problem.

Answer Key

1)	0
2)	-2
3)	275m
4)	>
5)	=
6)	0
7)	0
8)	$(-3) \times [-2 + 6] = (-3 \times -2) + (-3 \times 6)$
9)	True.
10)	Example: $-2 + 3 = 1$, where -2 and 3 are integers and the result is also an integer. -38

Answer key

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