

In this worksheet we have questions from “INTEGERS”. This worksheet covers all important concepts from the chapter. It gives you an overall idea and covers all important formulae by applying them. This worksheet makes you exam ready. By attempting this worksheet with time bound will give you best preparedness for exam. This worksheet covers Addition, Subtraction and multiplication.

CLASS - 7 (MATHS)
WORKSHEET
Chapter 1- INTEGERS

I. Perform the following operations on Integers:-

- | | | |
|------------------|-------------------|-------------------|
| 1. $(+5) + (+2)$ | 6. $(-7) + (-3)$ | 11. $(+9) + (-4)$ |
| 2. $(-5) + (-2)$ | 7. $(+7) + (-3)$ | 12. $(-9) + (+4)$ |
| 3. $(+5) + (-2)$ | 8. $(-7) + (+3)$ | 13. $(-7) + (-2)$ |
| 4. $(-5) + (+2)$ | 9. $(+9) + (+4)$ | 14. $(-7) + (+2)$ |
| 5. $(+7) + (+3)$ | 10. $(-9) + (-4)$ | 15. $(+7) + (-2)$ |

II. Perform the following operations on Integers :-

- | | | |
|------------------|-------------------|-------------------|
| 1. $(+5) - (+2)$ | 6. $(-7) - (-3)$ | 11. $(+9) - (-4)$ |
| 2. $(-5) - (-2)$ | 7. $(+7) - (-3)$ | 12. $(-9) - (+4)$ |
| 3. $(+5) - (-2)$ | 8. $(-7) - (+3)$ | 13. $(-7) - (-2)$ |
| 4. $(-5) - (+2)$ | 9. $(+9) - (+4)$ | 14. $(-7) - (+2)$ |
| 5. $(+7) - (+3)$ | 10. $(-9) - (-4)$ | 15. $(+7) - (-2)$ |

III. Perform the following operations on Integers :-

- | | |
|------------------------|------------------------|
| 1. $(+5) \times (+2)$ | 11. $(+9) \times (-4)$ |
| 2. $(-5) \times (-2)$ | 12. $(-9) \times (+4)$ |
| 3. $(+5) \times (-2)$ | 13. $(-7) \times (-2)$ |
| 4. $(-5) \times (+2)$ | 14. $(-7) \times (+2)$ |
| 5. $(+7) \times (+3)$ | 15. $(+7) \times (-2)$ |
| 6. $(-7) \times (-3)$ | 16. $-8 \div -2$ |
| 7. $(+7) \times (-3)$ | 17. $-8 \div 2$ |
| 8. $(-7) \times (+3)$ | 18. $8 \div (-2)$ |
| 9. $(+9) \times (+4)$ | 19. $24 \div (-2)$ |
| 10. $(-9) \times (-4)$ | 20. $-18 \div 6$ |

IV. Find

(a) $(-7) - 8 - (-25)$

V. Fill in the blanks with <, > or = sign.

(a) $(-3) + (-6)$ _____

$(-3) - (-6)$

(b) $(-21) - (-10)$ _____

$(-31) + (-11)$

(c) $45 - (-11)$ _____

$57 + (-4)$

(d) $(-25) - (-42)$ _____

$(-42) - (-25)$

VI. Fill in the blanks using >, < or = sign.

(a) $(-8) + (-4)$

$(-8) - (-4)$

(b) $(-3) + 7 - (19)$

$5 - 8 + (-9)$

(c) $39 + (-24) - (15)$

$36 - (-52) - (-36)$

(d) $-231 + 79 + 51$

$-399 + 159 + 81$

VII. Fill in the blanks

(a) $(-8) + \underline{\hspace{2cm}} = 0$

(b) $13 + \underline{\hspace{2cm}} = 0$

(c) $12 + (-12) = \underline{\hspace{2cm}}$

(d) $(-4) + \underline{\hspace{2cm}} = -12$

(e) $\underline{\hspace{2cm}} - 15 = -10$

VIII.

(i) Find each of the following products.

(a) $(-20) \times (-2) \times (-5) \times 7$

(b) $(-1) \times (-5) \times (-4) \times (-6)$

(ii) Fill in the blanks

(a) $(-9) \times \underline{\hspace{2cm}} = 27$

(b) $5 \times \underline{\hspace{2cm}} = -35$

(c) $\underline{\hspace{2cm}} \times (-8) = (-56)$

(d) $\underline{\hspace{2cm}} \times (-12) = 132$



IX. Solve

(a) $(-30) / 10$

(f) $0 / (-12)$

(b) $50 / (-5)$

(g) $(-31) / \{(-30) + (-1)\}$

(c) $(-36) / (-9)$

(h) $\{(-36) + 12\} / 3$

(d) $(-49) / 49$

(i) $\{(-6) + 5\} / \{(-2 + 1)\}$

(e) $13 / \{(-2) + 1\}$

X. Fill in the blanks

a. (a) $369 / \underline{\hspace{2cm}} = 369$

/

b. (b) $(-75) / \underline{\hspace{2cm}} = -1$

c. (c) $(-206) / \underline{\hspace{2cm}} = -1$

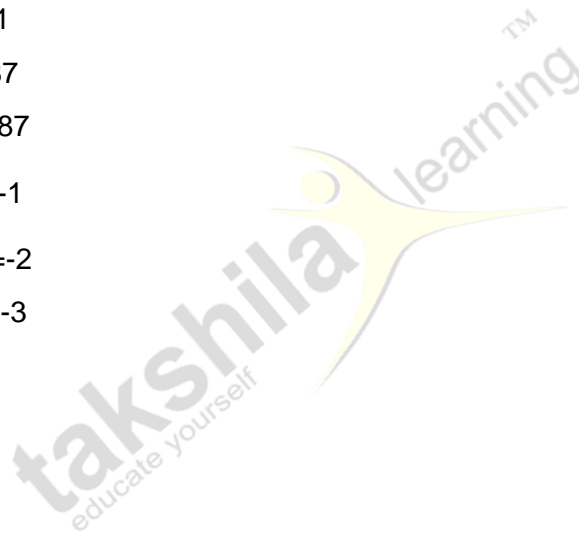
d. (d) $-87 / \underline{\hspace{2cm}} = 87$

e. (e) $\underline{\hspace{2cm}} / 1 = -87$

f. $\underline{\hspace{2cm}} / 48 = -1$

g. $20 / \underline{\hspace{2cm}} = -2$

h. $\underline{\hspace{2cm}} / (4) = -3$



XI. Solve using suitable properties :-

1) $(-5782396) \times 9 + 5782396 \times (-1)$

2) $8326429 \times (-98) + (-8326429) \times (-2)$

3) $(-7624928) \times 997 + (7624928) \times (-3)$

4) $(-98) \times (-9) + 98$

5) $(-237) \times (-99) + 237$

6) $(-563) \times (-999) + 563$

7) $7 \times (50-2)$

8) $253 \times (100-1)$

9) $567 \times (1000-1)$

10) $(-41) \times 102$

11) $(-34) \times 1002$

12) $(-67) \times 101$

13) $(-84) \times 99$

14) $(-24) \times 998$

15) $(-17) \times 9997$

16) $(-17) \times (-29)$

17) $(-27) \times (-39)$

18) $(-37) \times (-49)$

19) $8 \times 53 \times (-125)$

20) $8 \times 56739 \times (-125)$

21) $(-8) \times 32597 \times 12$

22) $8 \times (-63298) \times 125$

23) $(-8) \times (-53) \times 125$

24) $8 \times (-56739) \times (-125)$

25) $15 \times (-25) \times (-4) \times (-10)$

26) $23 \times (-25) \times (-4) \times (-10)$

27) $627 \times (-125) \times (-8)$

28) $583 \times (-125) \times (-5) \times 16$

29) $(-749) \times 25 \times (-250) \times 16$

30) $183 \times (-25) \times 8 \times 5$