

Q.1 State the sign of the products without actually multiplying the integers

(i) $(-8) \times (-3) \times (-4) \times (-6)$

(ii) $(-5) \times (-10) \times (-9)$

(iii) $1 \times (-6) \times 4 \times (-2)$

Q.2 Find the product of following

(i) -18×19

(ii) 100000×1

(iii) $(-1) \times 537$

(iv) $-11 \times (-11) \times (-11)$

Find

(i) $-40 \div 10$

(ii) $-48 \div 1$

(iii) $-81 \div (-9)$

(iv) $51 \div 51$

In 1 through 3, find each product.

1. $(3)(-8)$ 2. $(-9)(-6)$ 3. $4 \times (-2)$

In 4 through 6, evaluate each expression for $n = -3$.

4. $5n$ 5. $-14n$ 6. $n \times |-31|$

In 9 through 18, find the product.

9. $3 \times (-7)$

10. $(-8)(6)$

11. -9×4

12. $15 \times (-8)$

13. $(-14)^2$

14. $-1 \times (-27)$

15. 4×24

16. $(7)(-18)$

17. $-5 \times (11)$

18. $17 \times (-3)$

In 1 through 4, find each quotient.

1. $-54 \div (-6)$

2. $-63 \div 7$

3. $35 \div (-5)$

4. $-32 \div (-8)$

In 5 through 8, evaluate each expression for $n = -24$.

5. $n \div (-3)$

6. $96 \div n$

7. $\frac{-144}{n}$

8. $n + 12$

11. $21 \div (-7)$

12. $-105 \div (-5)$

13. $0 \div (-12)$

14. $56 \div (-8)$

15. $14 \div (-14)$

16. $-52 \div (-26)$

17. $144 \div 24$

18. $-121 \div 11$

19. $120 \div (-1)$

20. $150 \div (-15)$

In 21 through 26, use order of operations to evaluate each expression for $a = -6$.

21. $a \div 2$

22. $-48 \div a$

23. $126 \div a$

24. $25 + (a \div 3)$

25. $0 \div (3a + 27)$

26. $36 \div a + 4$

27. $a^2 \div 6$

28. $(2a - 3) \div 5$