

CHAPTER-2 | ARITHMETIC EXPRESSIONS

QUIZ
PART-101. Remove brackets: $200-(40+3)$

- A. $200+ 40+3$
 B. $200-40-3$
 C. $200+40-3$
 D. $200-40+3$ (B)

Explanation : A minus sign before the bracket changes both plus signs inside into minus terms.

2. Value of $200-(40+3)$ is

- A. 157
 B. 163
 C. 243
 D. 237 (A)

Explanation: First add inside the bracket: $40+3=43$. Then $200-43=157$.

3. Change received in rupees: $100-(15+56)$

- A. 31
 B. 29
 C. 41
 D. 39 (B)

Explanation: The total cost is $15+56=71$. So the change is $100-71=29$.

4. Remove brackets: $100-(15+56)$

- A. $100-15-56$
 B. $100+15-56$
 C. $100-15 +56$
 D. $100+15 +56$ (A)

Explanation: A minus outside the bracket changes both inner positive terms to subtraction.

5. Remove brackets: $500 (250-100)$

- A. $500-250-100$
 B. $500 + 250-100$
 C. $500-250 + 100$
 D. $500 + 250 + 100$ (C)

Explanation : A minus sign before the bracket changes the signs inside. So -250 stays subtraction and -100 becomes +100.

6. Value of $500 (250-100)$ is

- A. 150
 B. 250
 C. 350
 D. 650 (C)

Explanation : First solve inside the bracket: $250-100=150$. Then $500-150=350$.

7. Hira's coins can be written as

- A. $28+(3510)$
 B. $28(35+10)$
 C. $28+(35+10)$
 D. $28(3510)$. (A)

Explanation : She has 28 coins in one bag and from the second bag 10 are gifted, so coins left in the

8. Total coins left with Hira are

- A. 43
 B. 53
 C. 63
 D. 73 (B)

Explanation : $3510-25$, then $28+25=53$.

9. Remove brackets: $- 20 + (13 + 11)$

- A. $-20-13-11$
 B. $- 20 + 13 + 11$
 C. $-2013-11$
 D. $-20-13+11$ (B)

Explanation : A plus sign before brackets does not change the signs inside.

10. Remove brackets: $100-(-41+50)$

- A. $100-41-50$
 B. $100+41-50$
 C. $100-41+50$
 D. $100+41+50$ (B)

Explanation : The minus sign before the bracket changes the sign of each term inside. So -41 becomes +41, and +50 becomes -50.