

CHAPTER-2 | Power Play

QUIZ
PART-04

1. How many daughters did the king have?

- A. 2
 - B. 3
 - C. 4
 - D. 5
- (B)

Explanation : The chapter says the king had three daughters.

2. Each daughter got how many baskets?

- A. 1
 - B. 2
 - C. 3
 - D. 4
- (C)

Explanation: Each daughter received three baskets.

3. Each basket had how many silver keys?

- A. 3
 - B. 6
 - C. 9
 - D. 12
- (A)

Explanation: Every basket contained three silver keys.

4. Each key opened how many rooms?

- A. 1
 - B. 2
 - C. 3
 - D. 4
- (C)

Explanation: Each key opened three rooms.

5. How many rooms were there altogether?

- A. 27
 - B. 54
 - C. 81
 - D. 243
- (C)

Explanation : Total rooms = $3 \times 3 \times 3 \times 3 = 81$.

6. Each room had how many tables?

- A. 2
 - B. 3
 - C. 4
 - D. 5
- (B)

Explanation : Each room had three tables.

7. Each table had how many necklaces?

- A. 1
 - B. 2
 - C. 3
 - D. 6
- (C)

Explanation : Each table had three necklaces.

8. Each necklace had how many diamonds?

- A. 2
 - B. 3
 - C. 4
 - D. 9
- (B)

Explanation : Each necklace had three diamonds.

9. What is the total number of diamonds?

- A. 243
 - B. 729
 - C. 2187
 - D. 6561
- (C)

Explanation : Total diamonds = $3^7 = 2187$.

10. What is $p^4 \times p^6$ in exponential form?

- A. p^{24}
 - B. p^{10}
 - C. p^6
 - D. p^4
- (B)

Explanation : When bases are same, powers are added: $p^4 \times p^6 = p^{10}$.