

## CHAPTER-1 | LARGE NUMBERS AROUND US

QUIZ  
PART-171. What is  $11 \times 11$ ?

- A. 111  
B. 121  
C. 131  
D. 101 (B)

**Explanation:**  $11 \times 11 = 121$ . This is the first pattern shown in the chapter.

2. What is  $111 \times 111$ ?

- A. 12321  
B. 12221  
C. 11111  
D. 12121 (A)

**Explanation:**  $111 \times 111 = 12321$ , which shows the increasing-then-decreasing digit pattern.

3. What is  $1111 \times 1111$ ?

- A. 123321  
B. 1234321  
C. 1111221  
D. 1123321 (B)

**Explanation:**  $1111 \times 1111 = 1234321$ . The digits rise to 4 and then fall.

4. What is  $66 \times 61$ ?

- A. 4016  
B. 4026  
C. 4036  
D. 4046 (B)

**Explanation:**  $66 \times 61 = 66 \times (60 + 1) = 3960 + 66 = 4026$ .

5. What is  $3 \times 5$ ?

- A. 8  
B. 12  
C. 15  
D. 18 (C)

**Explanation:**  $3 \times 5 = 15$ . This starts the next product pattern shown in the chapter.

6. What is  $33 \times 35$ ?

- A. 1155  
B. 1055  
C. 1255  
D. 1355 (A)

**Explanation:**  $33 \times 35 = 33 \times (30 + 5) = 990 + 165 = 1155$ .

7. What is  $333 \times 335$ ?

- A. 111555  
B. 111255  
C. 112555  
D. 110555 (A)

**Explanation:**  $333 \times 335 = 333 \times (300 + 35) = 99,900 + 11,655 = 111,555$ .

8. What is  $101 \times 101$ ?

- A. 10101  
B. 10201  
C. 10001  
D. 11001 (B)

**Explanation:**  $101 \times 101 = 10201$ .

9. Roxie says the product of two 2-digit numbers can only be a 3-digit or 4-digit number. Is she correct?

- A. Yes  
B. No, it can also be 2-digit  
C. No, it can also be 5-digit  
D. No, it is always 4-digit (A)

**Explanation:** The smallest product is  $10 \times 10 = 100$  (3 digits) and the largest is  $99 \times 99 = 9801$  (4 digits). So Roxie is correct.

10. What is the value of  $(109)^2$ ?

- A. 11818  
B. 18118  
C. 11881  
D. 18181 (C)

**Explanation:**  $109^2 = 109 \times 109 = 11881$ . This matches the assessment question in the chapter.