

Mathematics Grade VII

WA 20211016

Chapter: Exponents

i. Which of the following is in exponential form?

(a) $5 \times 5 \times 5$

(b) 125

(c) 5^3

ii. Which of the following is in expanded form?

(a) $5 \times 5 \times 5$

(b) 125

(c) 5^3

iii. Write 7^5 in expanded form.

(a) $7 \times 7 \times 7 \times 7 \times 7$

(b) 7×5

(c) 526

(d) 35

iv. Identify the base 10^2 .

v. Identify the exponent in 2^3 .

vi. Which is equivalent to 2^4 ?

- (a) 8
- (b) 20
- (c) 16
- (d) 12

vii. $5^3 =$

- (a) 125
- (b) 20
- (c) 625

viii. 2^5 is the same as 2×5 .

- (a) True
- (b) False

ix. What is the value of 7^1 ?

- (a) 1
- (b) 0
- (c) 7
- (d) 14

x. Which number is the BASE in the following equation?

$$2^3 = 8$$

- (a) 8
- (b) 2
- (c) 3