(-3)² + (-2)³ is equal to

(A) -13 (B) -10 (C) 13

(D) 25

What percentage of 40 is 8?

(A) 5% (B) 20% (C) 32% (D) 150%

If 235 × 48.7 = 11 444.5, then

 $23.5 \times 0.487 -$

(A) 11,4445 (B) 114,445 (C) 1 144,45 (D) 11 444,4

4. Using the distributive property,

 $49 \times 17 + 49 \times 3 =$

(A) 49 × 20 (B) 49 + 20 (C) 52 × 66 (D) 52 + 66

 A test was marked out of 80. A boy scored 60% of the marks on the test. How many marks did he score?

> (A) 20 (B) 48 (C) 60 (D) 75

 Dan sold 40 concert tickets in 5 days. Each day he sold 3 tickets MORE than the previous day. The number of tickets he sold on the third day is

> (A) 8 (B) 9 (C) 10 (D) 11

 Which of the following sets is defined by {x ∈ Z: -2 ≤ x ≤ 4}?

> (A) {1, 2, 3, 4} (B) {0, 1, 2, 3, 4} (C) {-1, 0, 1, 2, 3} (D) {-2, -1, 0, 1, 2, 3, 4}

If Q = {a, b, c}, how many subsets can be obtained from the set Q?

(A) 2+3 (B) 2×3 (C) 3² (D) 2³

The set of positive integers is an example of

(A) a finite set (B) an empty set (C) an infinite set (D) an improper set

10. If n(U) = 25, n(A) = 14, m(B) = 15 and $n(A \cap B) = 6$, then $n(A \cup B)$ is

(A) 2 (B) 19 (C) 23 (D) 29

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