

$(13 - 9) - (9 - 13) = \underline{\hspace{1cm}}.$

- A) 8
- B) -8
- C) 0
- D) -18

What is the result of the following operation?

$$\sqrt{64} - \sqrt[3]{64} + \sqrt[3]{8}$$

- A) 6
- B) 4
- C) 2
- D) 1

The square root of 19 lie between _____ and _____.

- A) 3 ; 4
- B) 4 ; 5
- C) 5 ; 6
- D) 6 ; 7

What is the missing index?

$$2^{10} \times 2^{-3} : 2^5 = 2^{\square}$$

- A) 2
- B) 8
- C) 12
- D) 13

Which one is linear sequence?

- A) 8, 5, 1, -4, -10,
- B) 4, 5, 7, 10, 14,
- C) 4, 7, 10, 13, 16,
- D) 3, 6, 11, 18, 27,

The n -th terms of a sequence $4n + 1$.

What is the first three terms and 10th term of the sequence?

- A) 8, 12, 16, and 10th term = 44
- B) 5, 9, 13, and 10th term = 41
- C) 1, 2, 3, and 10th term = 10
- D) 7, 12, 13, and 10th term = 31

Work out an expression for the n -th term for a sequence 8, 6, 4, 2,!

- A) n -th term is $2n + 8$
- B) n -th term is $2n + 10$
- C) n -th term is $-2n + 8$
- D) n -th term is $-2n + 10$

Find the inverse function of $y = 2x + 8$.

- A) $y = \frac{x - 8}{2}$
- B) $y = 8 + 2x$
- C) $y = \frac{x + 8}{2}$
- D) $y = 8x + 2$

Calculate $\frac{28 \times 0.5}{0.2 \times 3.5}$.

- A) 20
- B) 28
- C) 35
- D) 70

Round 33.859 to 2 decimal places.

- A) 33.8
- B) 33.59
- C) 33.83
- D) 33.86