

1

What is the value of x ?

- (1) $\sqrt{x^4} = 9$
- (2) $\sqrt{x^2} = -x$

2

If y is a positive integer is \sqrt{y} an integer?

- (1) $\sqrt{4y}$ is not an integer
- (2) $\sqrt{5y}$ is an integer

3

If x is a positive integer, is \sqrt{x} an integer?

- (1) $\sqrt{4x}$ is an integer.
- (2) $\sqrt{3x}$ is not an integer.

4

Is $\sqrt{7x}$ an integer?

- (1) $\sqrt{\frac{x}{7}}$ is an integer
- (2) $\sqrt{28x}$ is an integer

5

What is the cube root of w ?

- (1) The 5th root of w is 64.
- (2) The 15th root of w is 4.