



## Vocabulary: Square Roots



### Vocabulary

- Distributive law – a rule that describes how one number can be multiplied to a sum of numbers: symbolically,  $a(b + c) = ab + ac$ .
  - For example,  $6(10 + 4) = 6 \cdot 10 + 6 \cdot 4$ .
- Perfect square – a number that is the square of an integer.
  - For example, 36 is a perfect square because  $6^2 = 36$ .
- Square (of a number) – a number multiplied by itself.
  - For example, the square of 6 is 36, because  $6^2 = 36$ .
- Square root – a number that, when squared, yields the original number.
  - The symbol for square root is  $\sqrt{\quad}$ .
  - For example, the square root of 36 is 6, or, symbolically,  $\sqrt{36} = 6$ .

