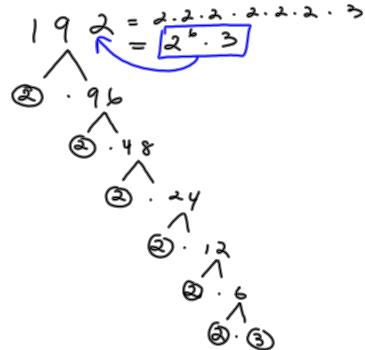


August 31, 2016

$$\begin{array}{c} N \quad W \quad Z \quad Q \quad Q' \quad R \\ 0.16 \quad \checkmark \quad \checkmark \quad \checkmark \quad \checkmark \\ -\sqrt{5} \quad \quad \quad \checkmark \quad \checkmark \\ \frac{2}{7} \quad \quad \quad \checkmark \quad \checkmark \\ -9 \quad \quad \quad \checkmark \quad \checkmark \quad \checkmark \\ 0 \quad \quad \quad \checkmark \quad \checkmark \quad \checkmark \end{array}$$

Aug 31-9:54 AM



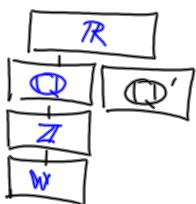
Aug 31-10:23 AM

$$0.62 = \frac{62}{100} = \frac{31}{50}$$

Some whole numbers are irrational.

T or F

$$W = \{0, 1, 2, 3, \dots\}$$



Aug 31-10:27 AM

Exponents

$$a^m = \underbrace{a \cdot a \cdot a \cdots a}_\text{Base}$$

$$x^{174}$$

Aug 31-10:31 AM

$$\begin{aligned} ① & (-6)^2 = (-6) \cdot (-6) = 36 \\ & \text{even} \\ & \text{or} \\ ② & -6^2 = (-1) \cdot 6^2 \\ & \text{Base!} \\ & = (-1) \cdot 6 \cdot 6 \\ & = -6 \cdot 6 \\ & = -36 \\ \hline ③ & (-2)^3 = (-2) \cdot (-2) \cdot (-2) \\ & = 4 \cdot (-2) \\ & = -8 \\ ④ & -2^3 = (-1) \cdot 2^3 \\ & = (-1) \cdot 2 \cdot 2 \cdot 2 \\ & = (-2) \cdot 2 \cdot 2 \\ & = (-4) \cdot 2 \\ & = -8 \end{aligned}$$

Aug 31-10:33 AM

- Do CORE 1.1 - "B"
order of Operations
- Simplify inside Grouping symbols.
(), [], { }, $\frac{a}{b}$, $|a|$, \sqrt{a}
 - Evaluate Exponents.
 $5^3 = 125$
 $-6^2 = -36$
 - Multiplication or Division
which ever comes first working from Left to right.
 - Addition or Subtraction
which ever comes first from L to R.

Aug 31-10:40 AM