

Put in order from least to greatest

$$3.12, 3\frac{1}{4}, 3.24, \sqrt{10}$$

What is the linear equation that represents this table?

x	-1	1	3	5
y	3	9	15	21

What is the value of
 n in the equation:

$$8n + 9 = -n + 5$$

A diagonal shortcut across a rectangular lot is 130 feet long. The lot is 50 feet long. What is the other dimension of the lot?

The mass of Earth in kilograms is 5.97×10^{24} , and the mass of the Moon is 7.35×10^{22} . What is the sum of the masses of Earth and its moon?

The volume of a cone is 242.1 cubic centimeters. A cylinder has the same base and height as the cone. What is the volume in cubic centimeters of the cylinder? Explain how you found the volume.

$$5x^4 \cdot (-2)x^5y$$

$$(5.5 \cdot 10^4) \cdot (6.4 \cdot 10^7)$$