A rectangle has an area of 51 units^2. Its length is 4 units, and its width is $13x$ units. How many units is its diagonal rounded to the nearest thousandth?

Area formula for a rectangle is: $A = lw$

A rectangle has an area of 51 units^2. Its length is 15 units, and its width is $7x$ units. How many units is its diagonal rounded to the nearest hundredth?

Area formula for a rectangle is: $A = lw$

A rectangle has an area of 51 units^2. Its length is 8 units, and its width is $10x$ units. How many units is its perimeter rounded to the nearest thousandth?

Area formula for a rectangle is: $A = lw$
Perimeter formula for a rectangle is: $P = 2l + 2w$

A rectangle has an area of 51 units^2. Its length is $6x$ units, and its width is 13 units. How many units is its perimeter rounded to the nearest thousandth?

Area formula for a rectangle is: $A = lw$
Perimeter formula for a rectangle is: $P = 2l + 2w$

A rectangular prism has a base with an area of 51 units^2. The base's length is 9 units, and its width is $6x$ units. If the prism's height is $10x$ units, how many cubic units is its volume rounded to the nearest thousandth?

Area formula for a rectangle is: $A = lw$
Volume formula for a rectangular prism is: $V = Bh$

A rectangular prism has a base with an area of 51 units^2. The base's length is 10 units, and its width is $11x$ units. If the prism's height is $13x$ units, how many cubic units is its volume rounded to the nearest hundredth?

Area formula for a rectangle is: $A = lw$
Volume formula for a rectangular prism is: $V = Bh$

A rectangular pyramid has a base with an area of 51 units^2. The base's length is $6x$ units, and its width is 13 units. If the prism's height is $6x$ units, how many cubic units is its volume rounded to the nearest hundredth?

Area formula for a rectangle is: $A = lw$
Volume formula for a rectangular pyramid is: $V = \frac{1}{3}Bh$

A rectangular pyramid has a base with an area of 51 units^2. The base's length is 7 units, and its width is $7x$ units. If the prism's height is $13x$ units, how many cubic units is its volume rounded to the nearest tenth?

Area formula for a rectangle is: $A = lw$
Volume formula for a rectangular pyramid is: $V = \frac{1}{3}Bh$

The base of a triangular prism has an area of 51 units^2. The triangle's base is 10 units, and its height is 4x units. If the height of the prism is 14x, how many cubic units is its volume rounded to the nearest tenth?

Area formula for a triangle is: $A = \frac{1}{2}bh$

Volume formula for a prism: $V = Bh$

The base of a triangular prism has an area of 51 units^2. The triangle's base is 9x units, and its height is 7 units. If the height of the prism is 12x, how many cubic units is its volume rounded to the nearest hundredth?

Area formula for a triangle is: $A = \frac{1}{2}bh$

Volume formula for a prism: $V = Bh$

The base of a triangular pyramid has an area of 51 units^2. The triangle's base is 11x units, and its height is 10 units. If the height of the pyramid is 14x, how many cubic units is its volume rounded to the nearest hundredth?

Area formula for a triangle is: $A = \frac{1}{2}bh$

Volume formula for a pyramid: $V = \frac{1}{3}Bh$

The base of a triangular pyramid has an area of 51 units^2. The triangle's base is 10x units, and its height is 15 units. If the height of the pyramid is 11x, how many cubic units is its volume rounded to the nearest thousandth?

Area formula for a triangle is: $A = \frac{1}{2}bh$

Volume formula for a pyramid: $V = \frac{1}{3}Bh$

A rhombus has an area of 51 units^2. Its diagonlas measure $7x$ and 13 units. How many units is one of its sides rounded to the nearest thousandth?

Area formula for a rhombus is: $A = \frac{1}{2} d_1 d_2$

A rhombus has an area of 51 units^2. Its diagonlas measure 14 and $12x$ units. How many units is one of its sides rounded to the nearest hundredth?

Area formula for a rhombus is: $A = \frac{1}{2} d_1 d_2$