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A rectangle has an area of 51 units^2. Its length is $(9x+7)$ units, and its width is $(3x+3)$ units. How many units is its diagonal rounded to the nearest tenth?

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

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A rectangle has an area of 51 units^2. Its length is $(8x+4)$ units, and its width is $(3x+7)$ units. How many units is its diagonal rounded to the nearest tenth?

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

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A rectangle has an area of 51 units^2. Its length is $(5x+3)$ units, and its width is $(6x+4)$ units. How many units is its perimeter rounded to the nearest hundredth?

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

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A rectangle has an area of 51 units^2. Its length is $(9x+3)$ units, and its width is $(4x+2)$ 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 $(7x+2)$ units, and its width is $(7x+6)$ units. If the prism's height is $(2x+6)$ 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 $(2x+7)$ units, and its width is $(3x+4)$ units. If the prism's height is $(4x+2)$ 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 pyramid has a base with an area of 51 units^2. The base's length is $(6x+1)$ units, and its width is $(6x+3)$ units. If the pyramid's height is $(4x+6)$ 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 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 $(8x+2)$ units, and its width is $(4x+3)$ units. If the pyramid's height is $(2x+2)$ 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 rectangle has an area of 51 units^2. Its length is $(5x+2)$ units, and its width is $(4x+2)$ units. How many units is its length rounded to the nearest tenth?

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

A rectangle has an area of 51 units^2. Its length is $(6x+1)$ units, and its width is $(2x+2)$ units. How many units is its length rounded to the nearest tenth?

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

A triangle has an area of 51 units^2. Its base is $(6x+7)$ units, and its height is $(3x+2)$ units. How many units is its height rounded to the nearest tenth?

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

A triangle has an area of 51 units^2. Its base is $(5x+6)$ units, and its height is $(9x+3)$ units. How many units is its base rounded to the nearest thousandth?

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

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The base of a triangular prism has an area of 51 units^2. The triangle's base is $(5x+5)$ units, and its height is $(5x+5)$ units. If the height of the prism is $(6x+7)$, 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: $V = Bh$

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The base of a triangular prism has an area of 51 units^2. The triangle's base is $(7x+5)$ units, and its height is $(6x+2)$ units. If the height of the prism is $(5x+4)$, 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: $V = Bh$

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The base of a triangular pyramid has an area of 51 units^2. The triangle's base is $(8x+2)$ units, and its height is $(2x+1)$ units. If the height of the pyramid is $(7x+1)$, 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: $V = \frac{1}{3}Bh$

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The base of a triangular pyramid has an area of 51 units^2. The triangle's base is $(3x+7)$ units, and its height is $(2x+7)$ units. If the height of the pyramid is $(3x+3)$, 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: $V = \frac{1}{3}Bh$

A rhombus has an area of 51 units^2. Its diagonlas measure $(4x+4)$ and $(3x+4)$ 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 $(2x+4)$ and $(7x+6)$ units. How many units is one of its sides rounded to the nearest tenth?

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

A parallelogram has an area of 51 units^2. Its base is $(9x+7)$ units, and its height is $(5x+1)$ units. How many units is its base rounded to the nearest tenth?

Area formula for a parallelogram is: $A = bh$

A parallelogram has an area of 51 units^2. Its base is $(3x+2)$ units, and its height is $(2x+4)$ units. How many units is its height rounded to the nearest hundredth?

Area formula for a parallelogram is: $A = bh$