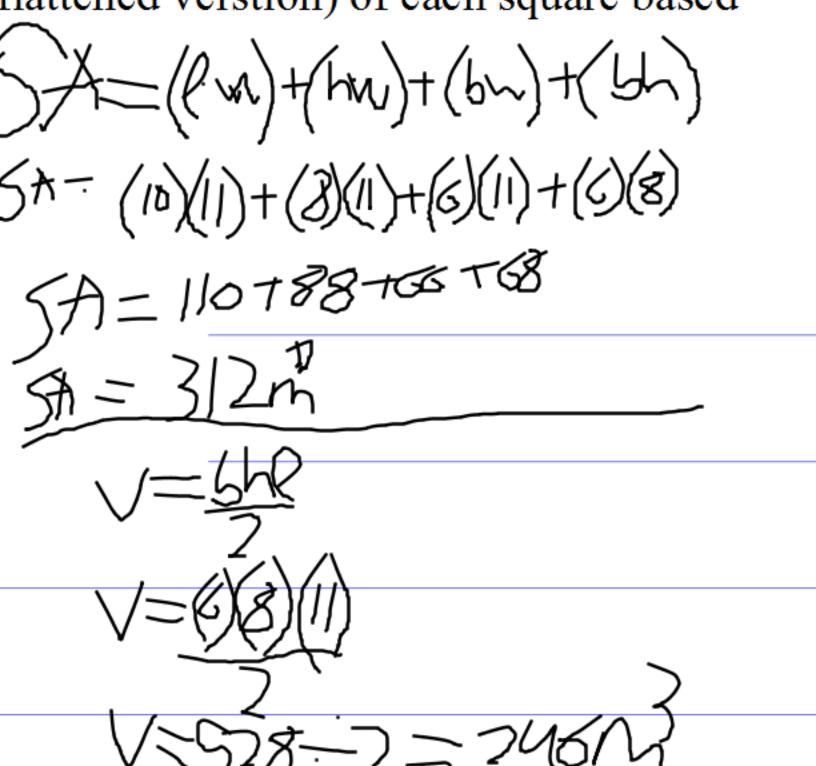


Find the surface area and volume of each figure. Round to the nearest tenth, and remembre that surface area is SQUARED and volume is CUBED.

If it helps you, draw out a net (or flattened verstion) of each square based

pyramid or triangular prism.



















6 m

Find the surface area of each cone, cylinder, or sphere. Round all final answers to the nearest tenth, and don't forget to include your units!

18)

$$SA = 4\pi r^{2}$$

$$= 4\pi (6)$$

$$= 452.4m^{2}$$

















Find the surface area of each cone, cylinder, or sphere. Round all final answers to the nearest tenth, and don't forget to include your units!

$$5A = 2\pi r^3 + 2\pi r h$$

= $2\pi (3^2) + 2\pi (3)(7)$
= $56.54 + 131.9$
= $188.4 cm^2$

$$r = 3cm$$











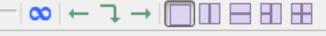




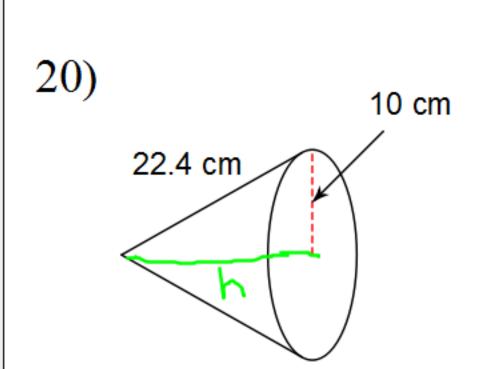








Find the surface area of each cone, cylinder, or sphere. Round all final answers to the nearest tenth, and don't forget to include your units!



$$a^{3} + b^{3} = c^{3}$$
 $b^{3} + 10^{3} = 22.4$
 $b^{3} + 100 = 501.76$
 $b^{3} = 401.76$
 $b^{4} = 20$

$$5A = 7105 + 770$$

= $71(10)(114) + 77(10)$











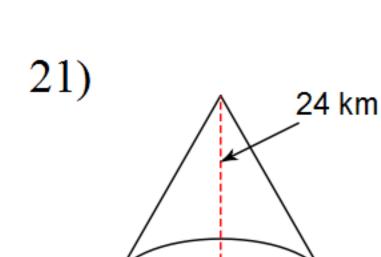








Find the volume of each cone, cylinder, or sphere. Round all final answers to the nearest tenth, and don't forget to include your units!



$$V = \frac{\pi}{3}$$

$$= \frac{\pi}{3}(24)$$

$$h = 24km$$

24 km









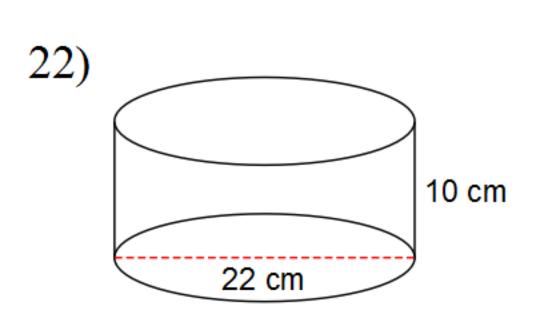








Find the volume of each cone, cylinder, or sphere. Round all final answers to the nearest tenth, and don't forget to include your units!



$$V = \pi r^{3}h$$

= $\pi (11^{3})(10)$
= 3801.3cm³















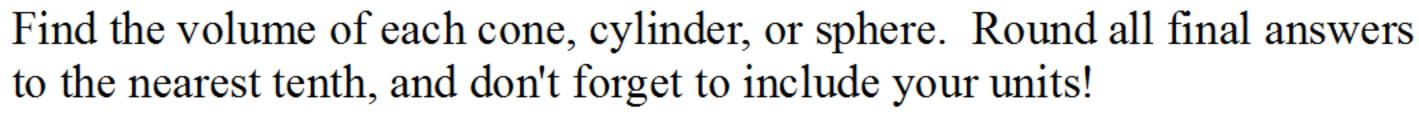




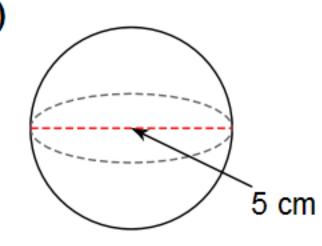








23)



$$=4\pi(2.5^{3})$$















