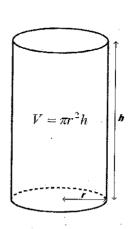
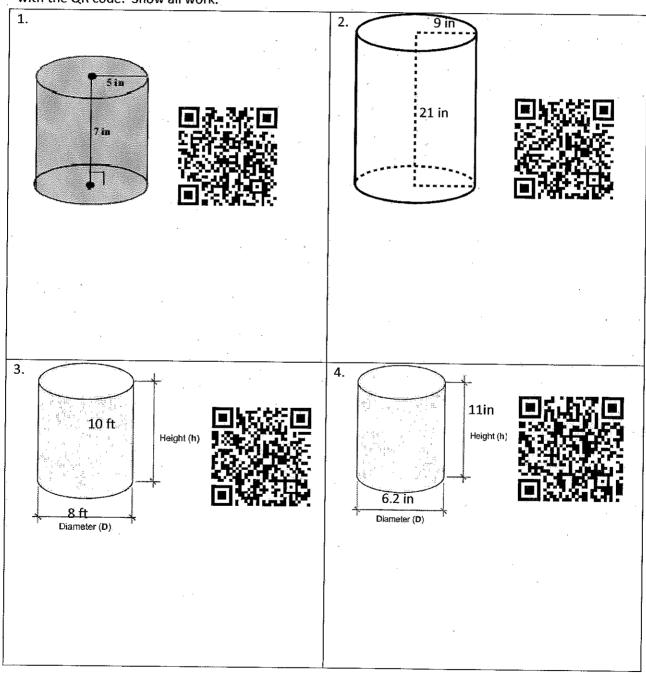
Volume of Cylinders

Formula: 3.14 x radius x radius x height

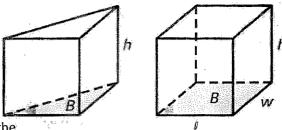
Directions: Find the volume of each cylinder using the formula for each. Be sure to write out the formula, Substitute the numbers into the formula, and then solve. Write your answers in the box and then check them with the QR code. Show all work.



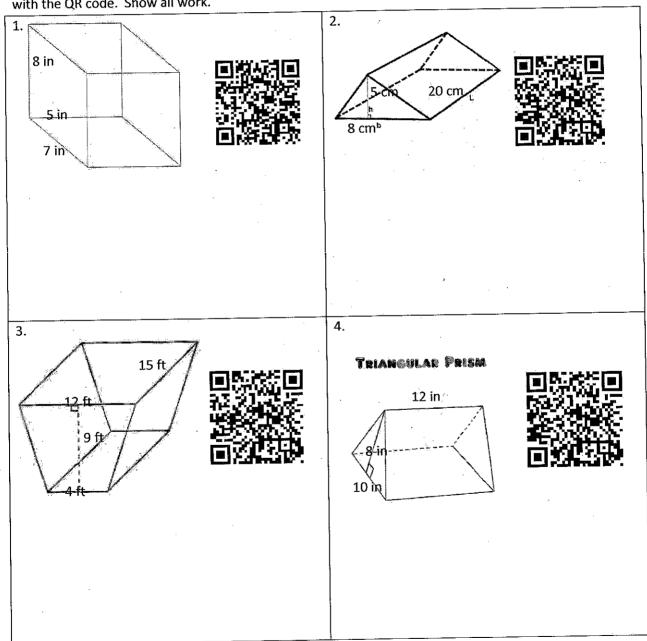


Volume of prisms

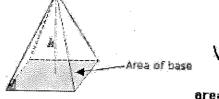
V = Bh



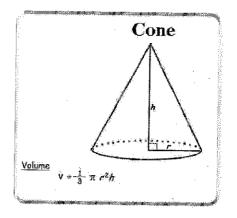
Directions: Find the volume of each prism using the formula for each. Be sure to write out the formula, substitute the numbers into the formula, and then solve. Write your answers in the box and then check them with the QR code. Show all work.



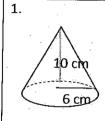
Volume of Cones and Pyramids Pyramid



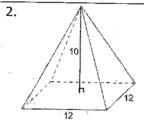
 $V = \frac{1}{3}Bh_{\text{height}}$ area of base



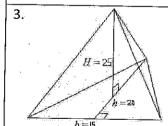
Directions: Find the volume of each cone or pyramid using the formula for each. Be sure to write out the formula, substitute the numbers into the formula, and then solve. Write your answers in the box and then check them with the QR code. Show all work.



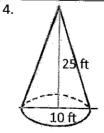












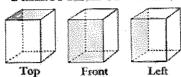


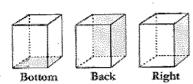
Surface Area of Prisms and Cylinders

Surface Area of Prisms:

Sum of all Faces

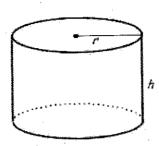
Surface Area of a Prism

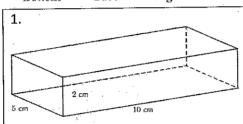




Cylinder:

$$A = 2\pi r^2 + 2\pi rh$$





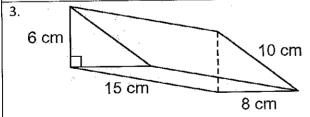
SA = 2lw + 2hw + 2lh



2. 5 cm 11 cm

SA = Sum of all bases

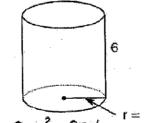




SA = Sum of all bases



4.



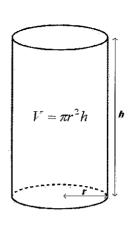
 $A = 2\pi r^2 + 2\pi rh$

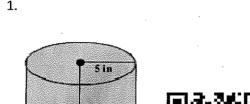


Volume of Cylinders

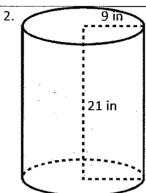
Formula: 3.14 x radius x radius x height

Directions: Find the volume of each cylinder using the formula for each. Be sure to write out the formula, Substitute the numbers into the formula, and then solve. Write your answers in the box and then check them with the QR code. Show all work.





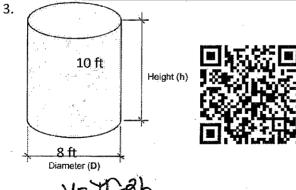


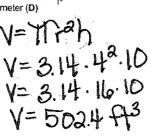


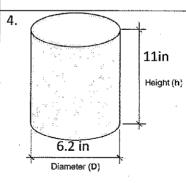


$$V=11r^{a}h$$

 $V=3.14.9^{a}.a1$
 $V=3.14.81.21$
 $V=5,341.14in^{3}$



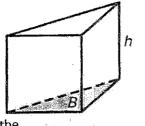


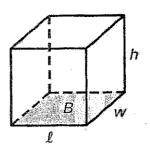




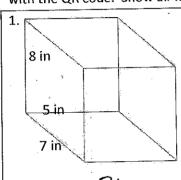
Volume of prisms

V = Bh

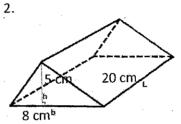




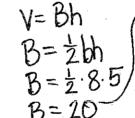
Directions: Find the volume of each prism using the formula for each. Be sure to write out the formula, substitute the numbers into the formula, and then solve. Write your answers in the box and then check them with the QR code. Show all work.

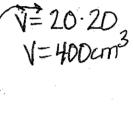


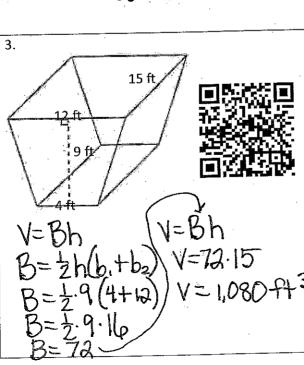


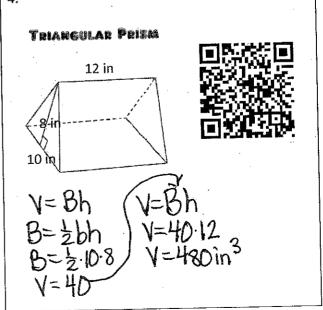




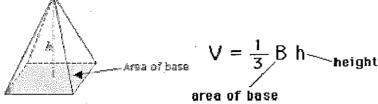


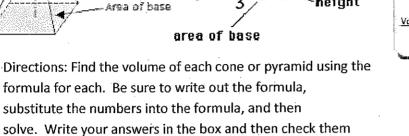


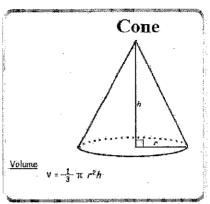


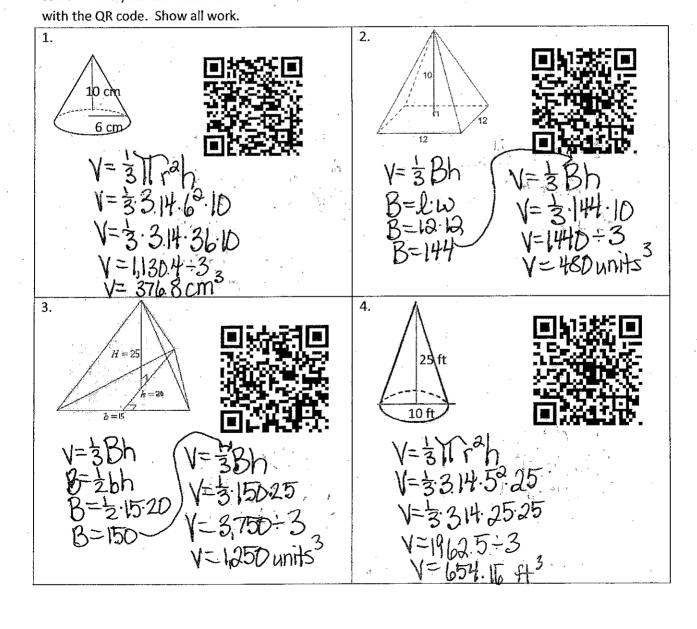


Volume of Cones and Pyramids Pyramid







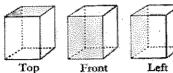


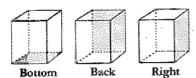
Surface Area of Prisms and Cylinders

Surface Area of Prisms:

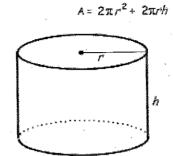
Sum of all Faces

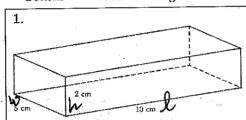
Surface Area of a Prism





Cylinder:



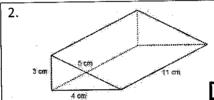


SA = 2lw + 2hw + 2lh

SA=2.10.5+2.2.5+2.10.2

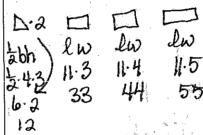
SA= 100 + 20+40

3A=160cm2

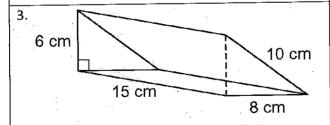


SA = Sum of all bases

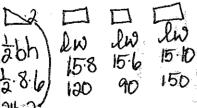
4.



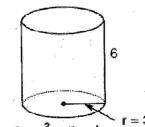
12+33+44+55 SA=144 cm2



SA = Sum of all bases



48+120+90+150 = 408cm2



 $A = 2\pi r^{2} + 2\pi rh$ $2.3.14.3^{2} + 2.3.14.3.1$ 56.52 + 113.04

169.56 unit 2

