

3

20 cm

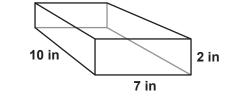
N	3	m	0	•
	CL		-	•

Date:

# Finding the Volume of Rectangular Prisms Instructions: Find the volume of each rectangular prism by multiplying the area of the 'base' times the length the base has been extended. (Don't forget about the units!) 2 10 in 5 m 8 m 6 m

5 cm

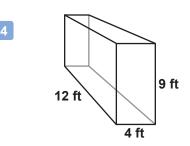
Area =  $5 \times 6 = 30 \text{ m}^2$ of Base Volume =  $30 \text{ m}^2 \times 8 \text{ m} = (240 \text{ m}^3)$ 



VOL 1

Area =  $2 \times 7 = 14$  in<sup>2</sup>

Volume = 14 in<sup>2</sup> × 10 in = 
$$(140 \text{ in}^3)$$



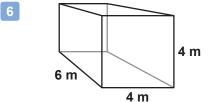
Area =  $5 \times 5 = 25 \text{ cm}^2$ of Base Volume =  $25 \text{ cm}^2 \times 20 \text{ cm} = (500 \text{ cm}^3)$ 

5 cm

3 in 9 in 5 in

Area =  $3 \times 5 = 15$  in<sup>2</sup> Volume =  $15 \text{ in}^2 \times 9 \text{ in} = (135 \text{ in}^3)$  Area =  $9 \times 4 = 36 \text{ ft}^2$ of Base

Volume = 
$$36 \text{ ft}^2 \times 12 \text{ ft} = 432$$



Area =  $4 \times 4 = 16 \text{ m}^2$ Volume =  $16 \text{ m}^2 \times 6 \text{ m} = 96 \text{ m}^3$ 

Volume • mathantics.com

ft<sup>3</sup>

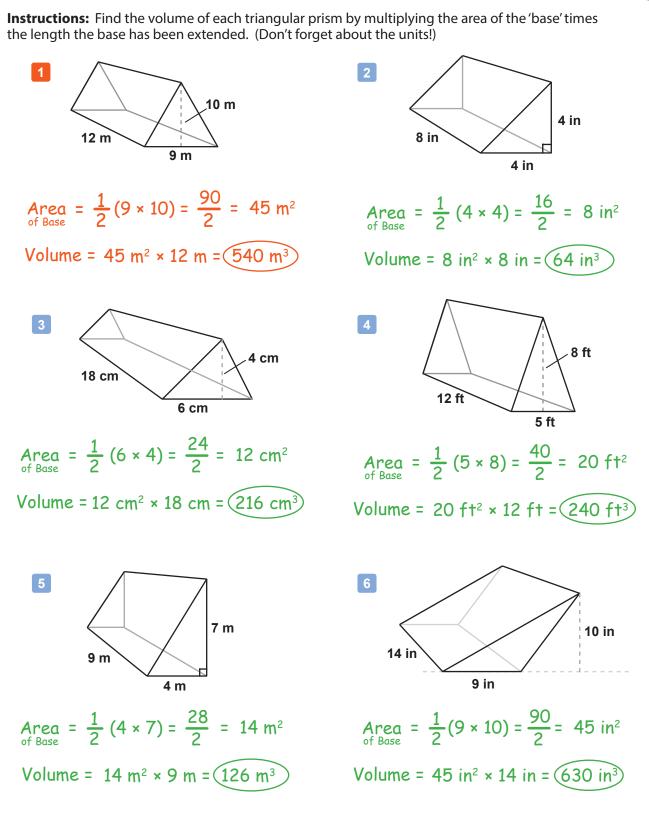


- NI	3	m		Θ
	CL		C	0

Date:

VOL 2

## Finding the Volume of Triangular Prisms



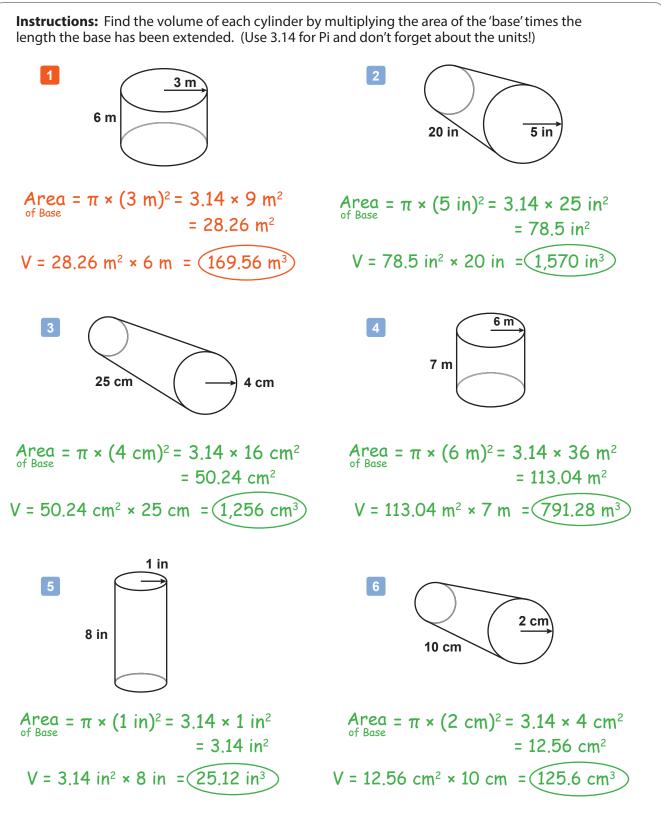


Name:

Date:

VOL 3

## Finding the Volume of Cylinders

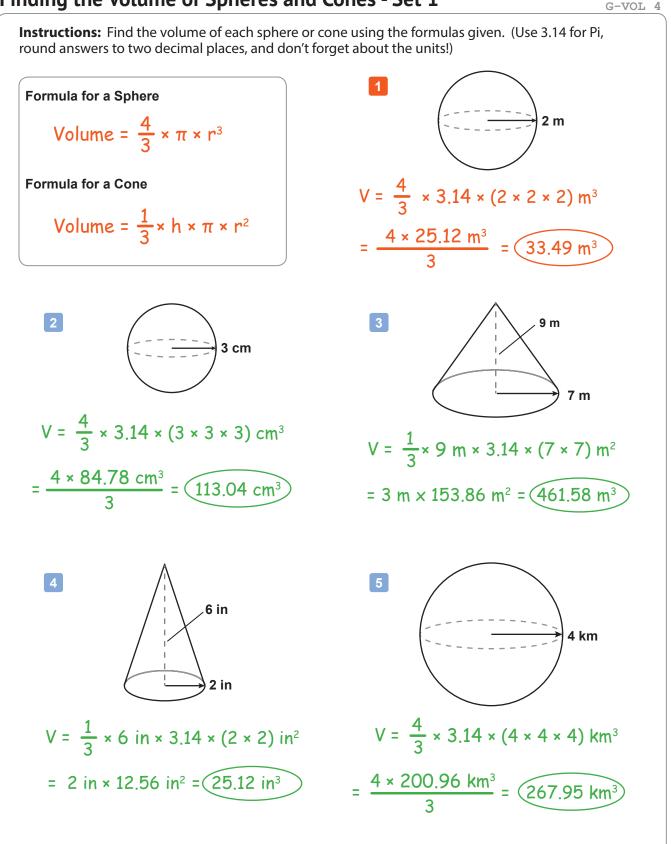




- NI	3	m		0
	CL		C	•

Date:

### Finding the Volume of Spheres and Cones - Set 1





- NI	3	m		•
	CL		C	

Date:

G-VOL 5

### Finding the Volume of Spheres and Cones - Set 2

