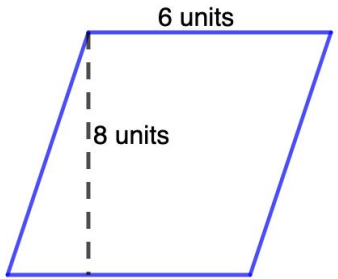
AREA & VOLUME

6TH GRADE

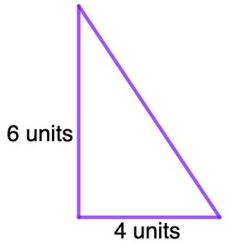
#1

FIND the area of this figure.



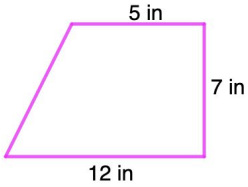
#2

FIND the area of this figure.



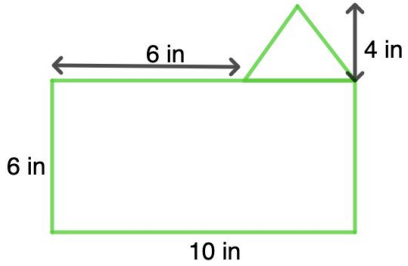
#3

FIND the area of this figure.



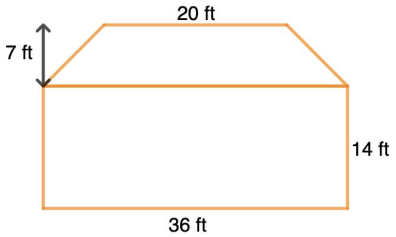
#4

FIND the area of this figure.



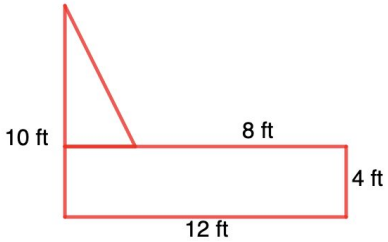
#6

FIND the area of this figure.



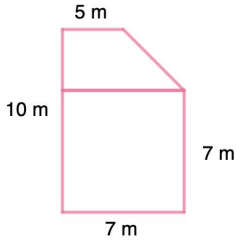
#5

FIND the area of this figure.



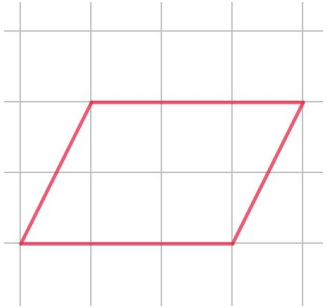
#7

FIND the area of this figure.



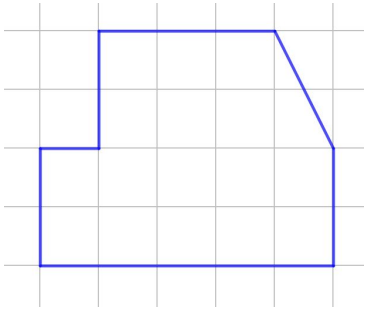
#8

FIND the area of the figure in square units.



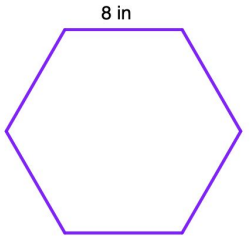
#9

FIND the area of the figure in square units.



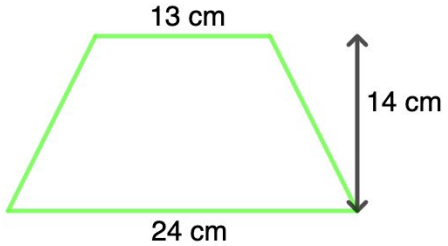
#10

FIND the area of this figure.



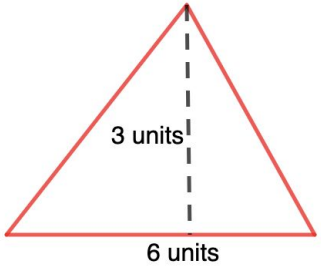
#11

FIND the area of this figure.



#12

FIND the area of this figure.



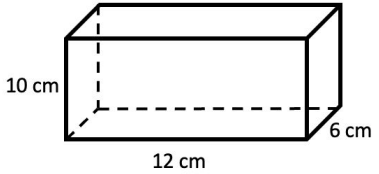
#13

FIND the height of the trapezoid.

$A = 21\ yd^2$
$b_1 = 2\ yd$
$b_2 = 5\ yd$

#14

FIND the volume of this solid.



#15

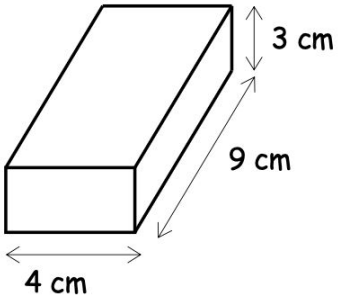
The volume of a parallelepiped rectangle is 30 m^3. This right prism has a length of 5 m and a width of 3 m.
calculate the height of this prism.

#16

CALCULATE the volume of a cube whose edge measures 3 m.

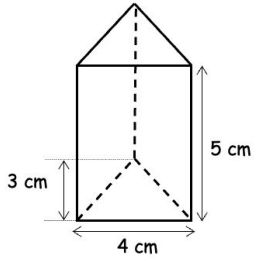
#17

FIND the volume of this solid.



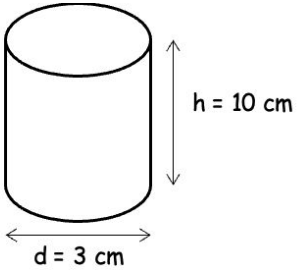
#18

FIND the volume of this solid.



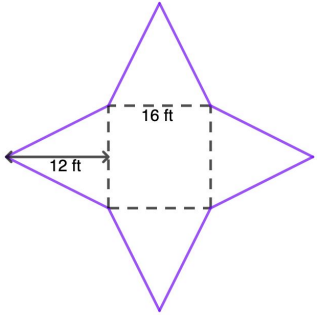
#19

FIND the volume of this solid.



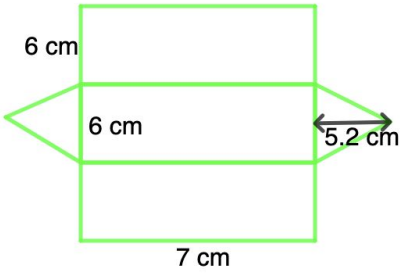
#20

FIND the volume of this solid.



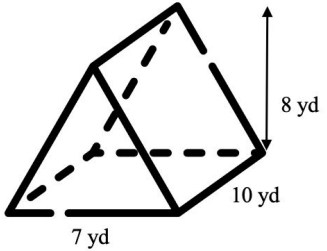
#21

FIND the volume of this solid.



#22

FIND the volume of this solid.



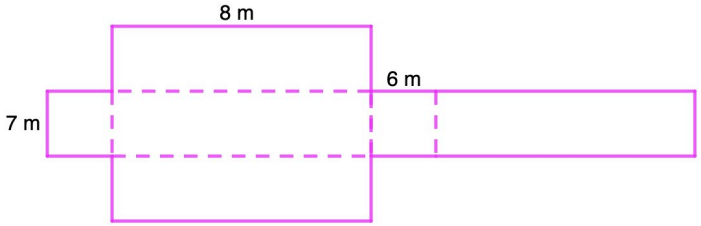
#23

FIND the missing dimension of the triangular prism.

$V = 55\ km^3$
base length = 2 km
base height = 5 km
H = ?

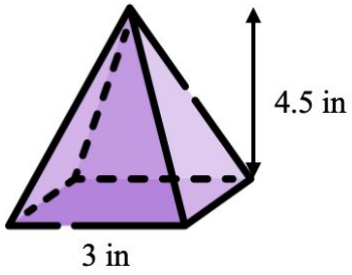
#24

FIND the volume of this solid.



#25

FIND the volume of this solid.



#26

The edge of a cube measures 0.05 m.
Its volume is...

#27

How long is the edge of a cube whose volume is 216 cm^3 ?

4cm 6cm 8cm

#28

If we double the length of the edge of a cube, its volume is multiplied by...

2 4 8

#30

A right prism at a height of 7 cm. The base is an isosceles right triangle, the sides of the right angle measure 4 cm. The volume of this prism is :...

112 cm^3 56 cm^3

#29

A square-based pyramid at a height of 6 cm and a volume of 72 cm^3.

The side of the base measures ... cm.

4cm 6cm8cm

TASK CARDS - ANSWERS

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

TASK CARDS - ANSWERS - GRADE 6 - AREA & VOLUME

1 48 units^2	2 12 units^2	3 59.5 in^2	4 68 in^2	5 60 ft^2	6 700 ft^2
7 67 m^2	8 6 square units	9 17 square units	10 166.28 in^2	11 259 cm^2	12 9 units^2
13 7 yd	14 720 cm^3	15 2 m	16 27 m^3	17 108 cm^3	18 30 cm^3
19 22.5π cm^3	20 3072 ft^3	21 109.2 cm^3	22 280 yd^3	23 11 km	24 336 m^3
25 40.5 in^3	26 125 cm^3	27 6 cm	28 8	29 6 cm	30 56 cm^3