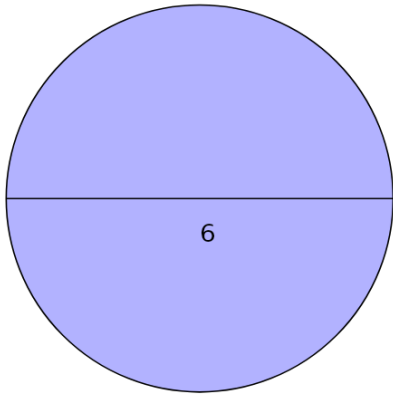




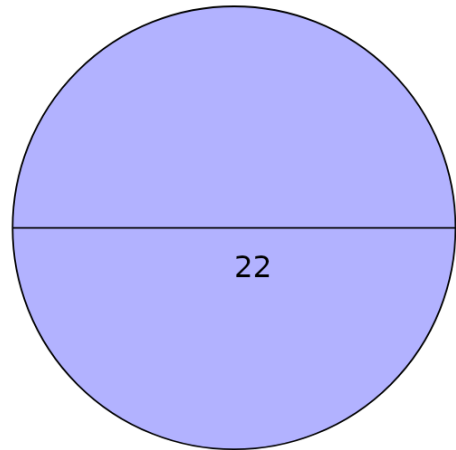
Measurement

1 What is the area in terms of π ?



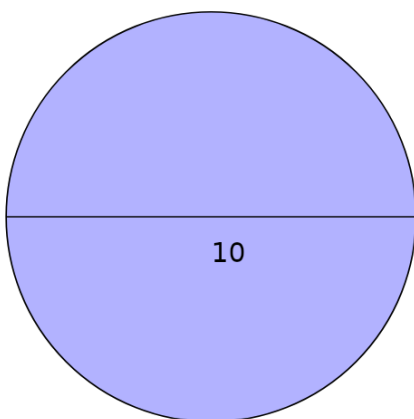
A	9π	B	15π
C	6π	D	2π
E	13π	F	18π

2 Find the area



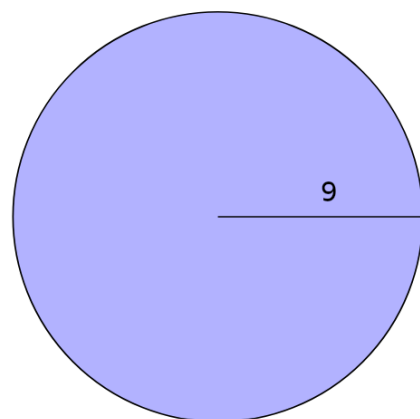
A	571.77	B	121	C	380.13
D	34.56	E	69.12	F	242

3 Find the area without using a calculator. Remember that π is just a bit more than 3.



A	78.54	B	31.42	C	113.1
D	150.8	E	50	F	15.71

4 Find the area without using a calculator. Remember that π is just a bit more than 3.

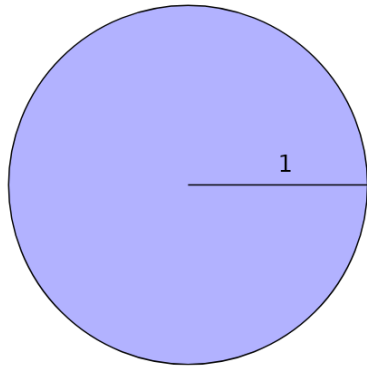


A	254.47	B	408.41	C	449.25
D	162	E	56.55	F	490.09



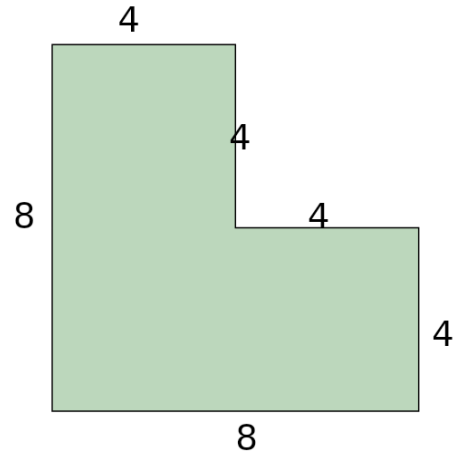
Measurement

- 5 What is the area of the circle as a function of π



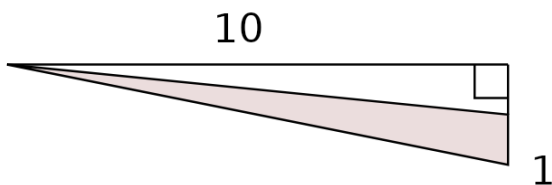
A	7π	B	9π
C	7π	D	1π
E	4π	F	8π

- 6 Find the area of the shape



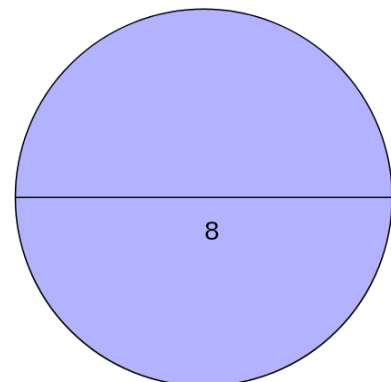
A	32	B	16	C	108
D	64	E	90	F	48

- 7 Find the area of the shaded triangle section



A	5	B	10	C	9
D	6.5	E	8	F	15

- 8 Find the circumference without using a calculator. Remember that π is just a bit more than 3.



A	8	B	50.27	C	25.13
D	12.57	E	32	F	37.7

- 9 What is the surface area of this shape?

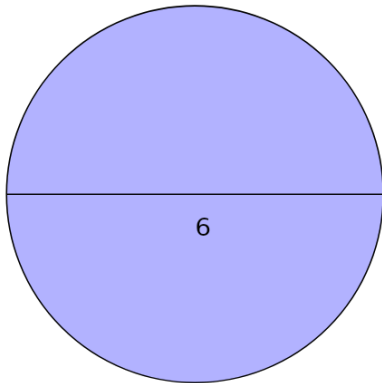
A Cone with radius 2 and a height of 5

A	49.1	B	46.4
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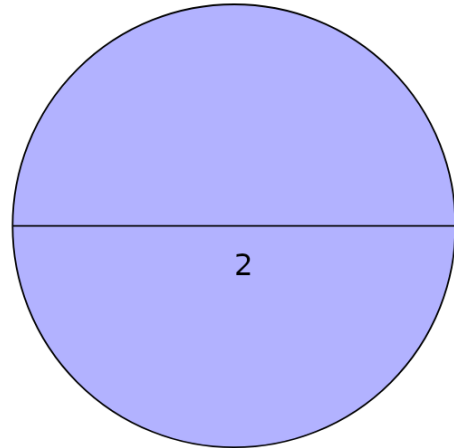
Measurement

- 10** Find the circumference without using a calculator. Remember that π is just a bit more than 3.



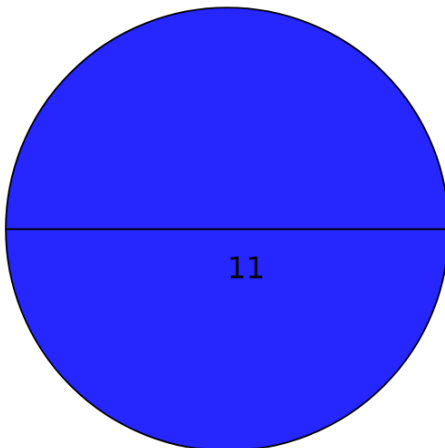
A 43.98	B 9.42	C 25.13
D 31.42	E 18	F 18.85

- 11** Find the circumference of the circle



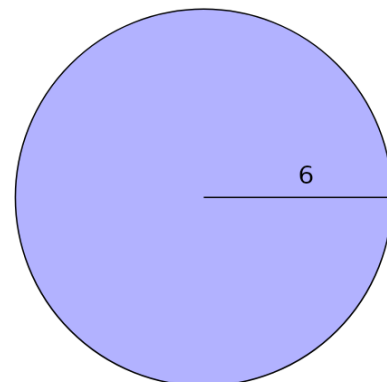
A 6.28	B 3.14	C 31.42
D 2	E 25.13	

- 12** Find the circumference of the circle



A 40.84	B 59.69	C 34.56
D 11	E 53.41	F 47.12

- 13** Find the circumference without using a calculator. Remember that π is just a bit more than 3.

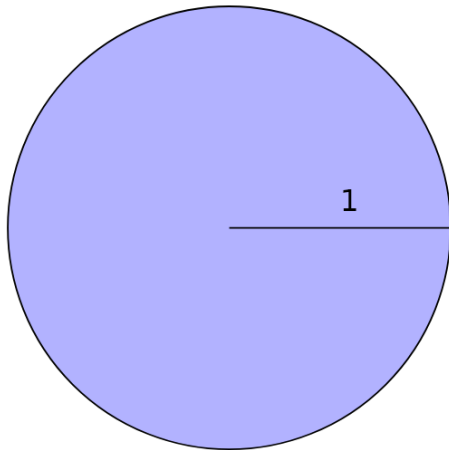


A 50.27	B 18.85	C 62.83
D 37.7	E 72	F 113.1



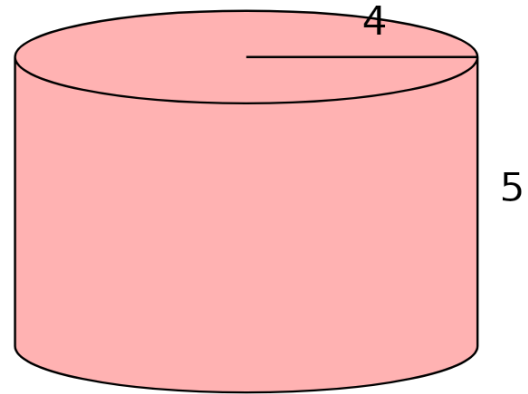
Measurement

14 Find the circumference of the circle



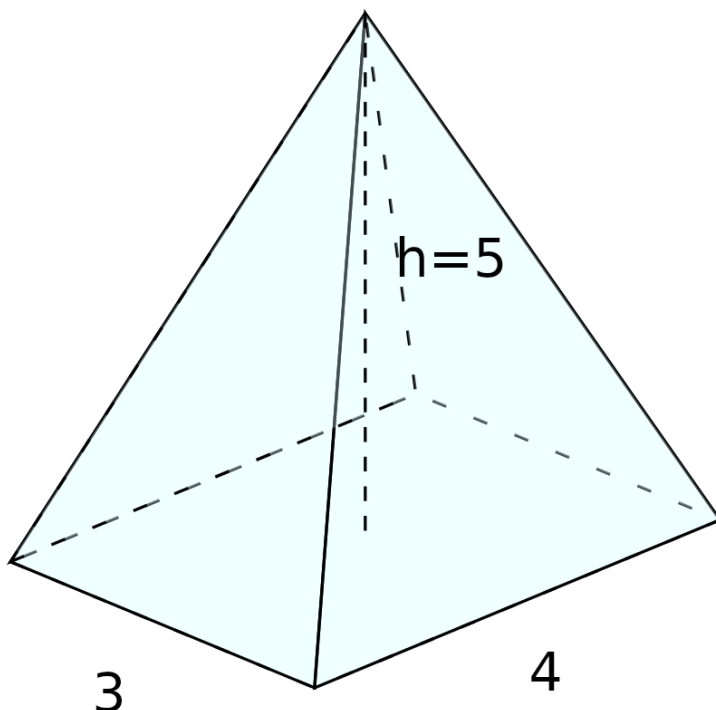
A 2	B 31.42	C 12.57
D 3.14	E 6.28	F 25.13

15 What is the surface area of this Cylinder?



A 107π	B 128π
C 2π	D 16π
E 72π	F 37π

16 What is the surface area of this Rectangular Pyramid?

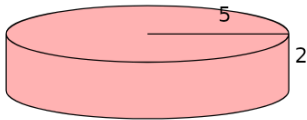


A 54.53
B 57.53



Measurement

17 What is the surface area of this Cylinder?



A

219.91

B

217.21

18 What is the surface area of this shape?

A Cylinder with radius 2 and height 4

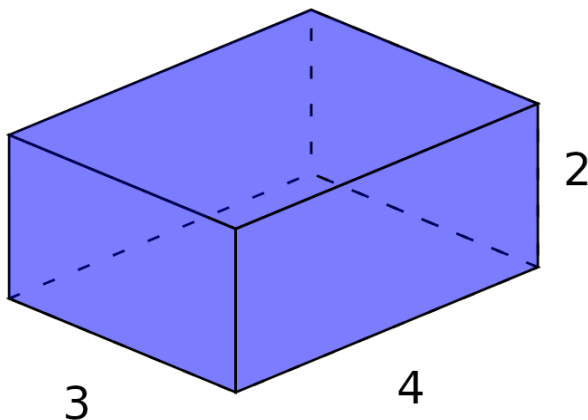
A

75.4

B

76.75

19 What is the surface area of this Rectangular Prism?



A

87

B

57

C

52

D

97

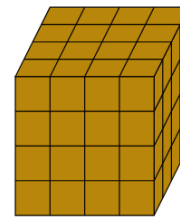
E

82

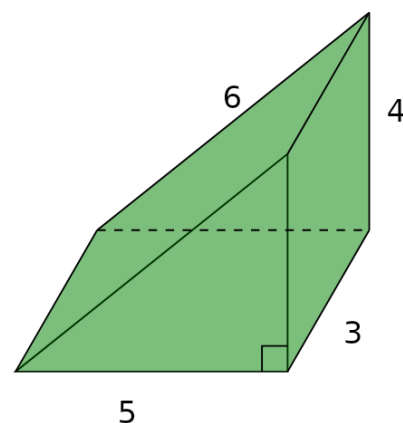
F

22

20 What is the surface area of the blocks in this 4x4x4 Cube?



21 What is the surface area of this Triangular Prism?



A

65

B

123.5

C

97.5

D

117

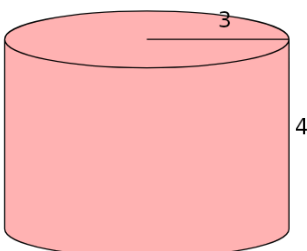
E

39

F

78

22 What is the volume of this Cylinder?



A

111.75

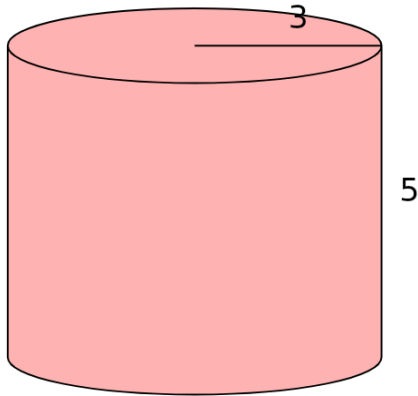
B

113.1



Measurement

23 What is the volume of this Cylinder?



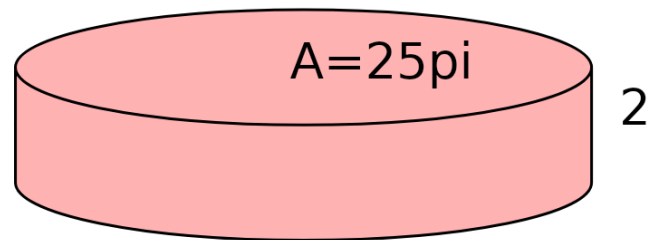
A	81π	B	25π
C	45π	D	41π
E	5π	F	49π

24 What is the volume of this shape?

A Cylinder with radius 4 and height 5

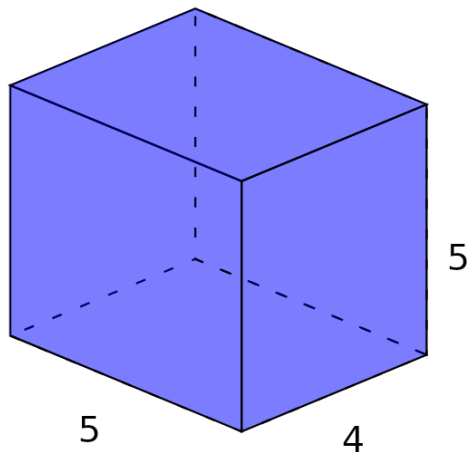
A	249.98	B	251.33
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25 What is the volume of this Cylinder?



A	50π	B	65π
C	25π	D	15π
E	5π	F	30π

26 What is the volume of this Rectangular Prism?



A	170	B	50	C	140
D	100	E	130	F	120

27 Convert this value to decimeters

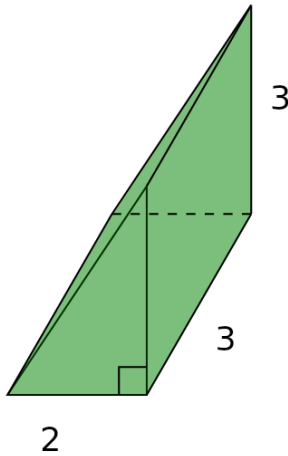
2.2 m

A	2,200 dm	B	22 dm
C	0.22 dm	D	22,000 dm
E	220 dm	F	2.2 dm



Measurement

28 What is the volume of this Triangular Prism?



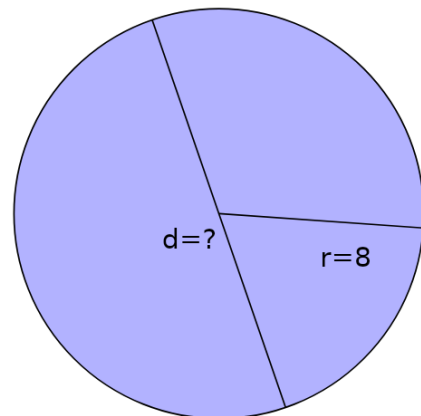
A 12.5	B 7	C 5
D 4.5	E 9	F 11.5

29 Convert this value to kiloliters

63,000,000 ml

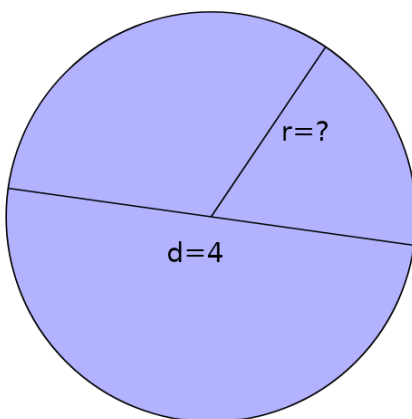
A 0.063 kl	B 630 kl
C 63 kl	D 6.3 kl
E 6,300 kl	F 63,000 kl

30 Find the diameter of the circle that has the given radius



A 18	B 17	C 15
D 11	E 16	F 19

31 Find the radius of the circle that has the given diameter



A 1	B 2	C 0
D 4	E 3	