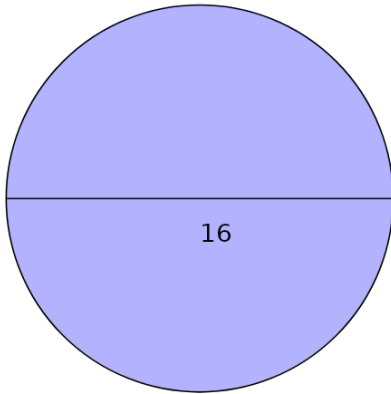




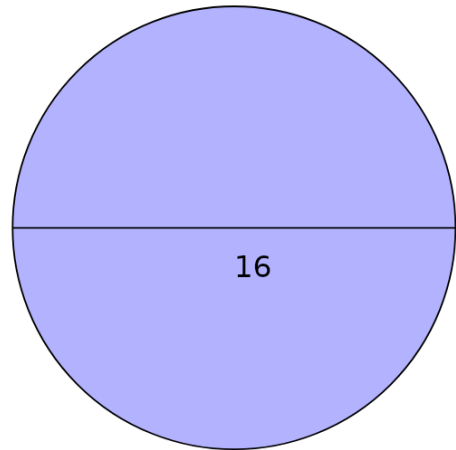
Measurement

1 What is the area in terms of π ?



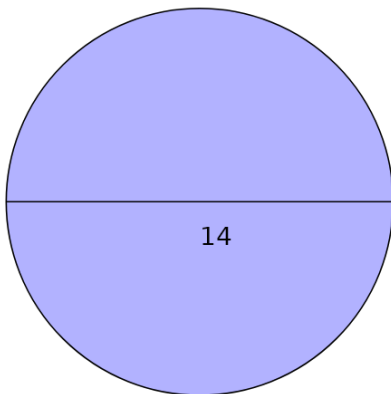
A	52π	B	118π
C	64π	D	4π
E	76π	F	40π

2 Find the area



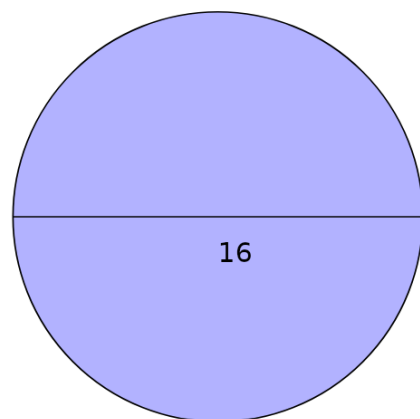
A	128	B	64	C	339.29
D	201.06	E	50.27	F	282.74

3 What is the area in terms of π ?



A	49π	B	33π
C	57π	D	41π
E	21π	F	37π

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

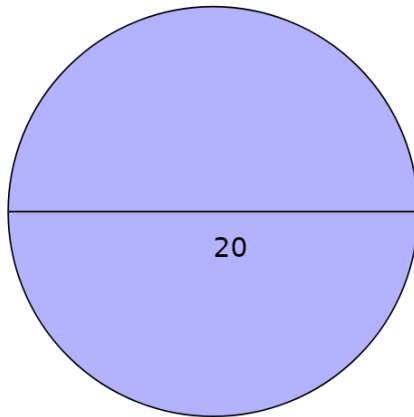


A	128	B	201.06	C	25.13
D	311.02	E	50.27	F	64



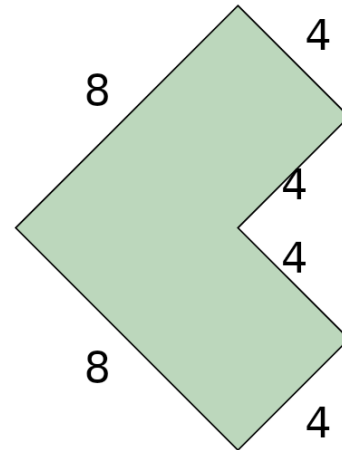
Measurement

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



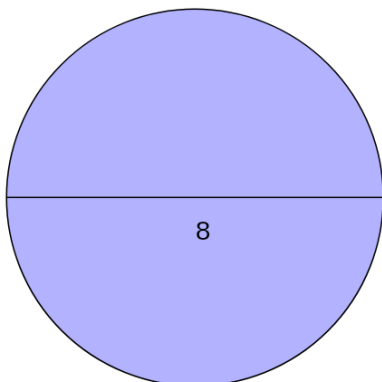
A 414.69	B 31.42	C 314.16
D 100	E 527.79	F 490.09

- 6** Find the area of the shape



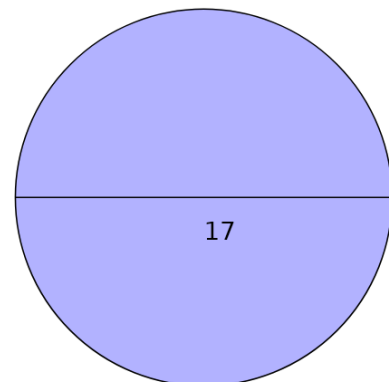
A 90	B 120	C 48
D 16	E 32	F 99

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



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

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

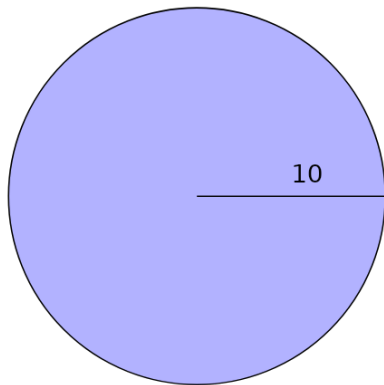


A 144.5	B 53.41	C 226.98
D 78.54	E 17	F 65.97



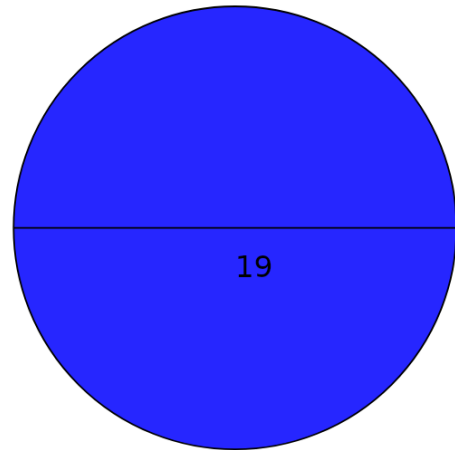
Measurement

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



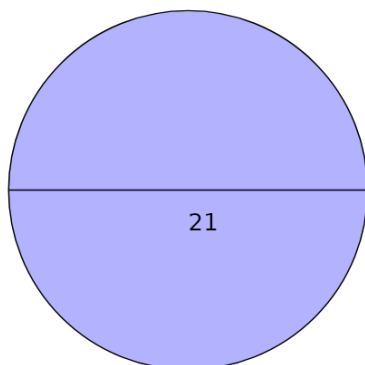
A 75.4	B 87.96	C 62.83
D 314.16	E 20	F 200

- 10** Find the circumference of the circle



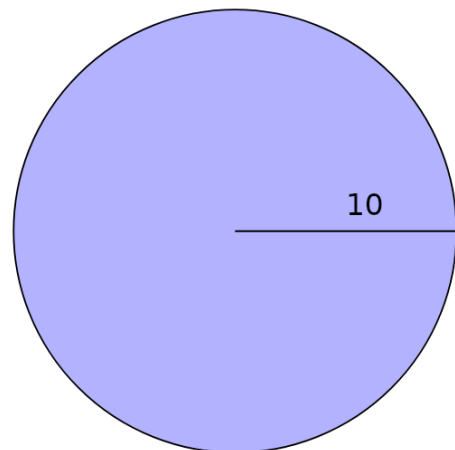
A 19	B 283.53	C 72.26
D 78.54	E 59.69	F 65.97

- 11** Find the circumference of the circle as a function of π



A 1π	B 23π
C 19π	D 21π
E 7π	F 3π

- 12** Find the circumference of the circle

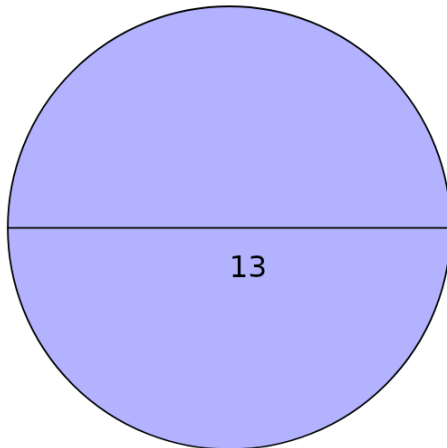


A 31.42	B 69.12	C 314.16
D 200	E 62.83	F 20



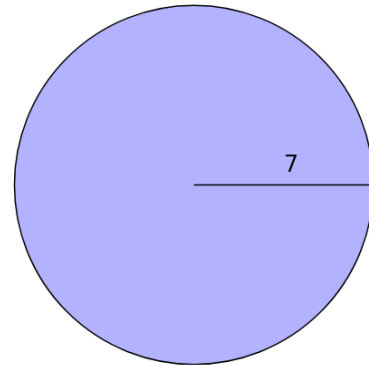
Measurement

13 Find the circumference of the circle



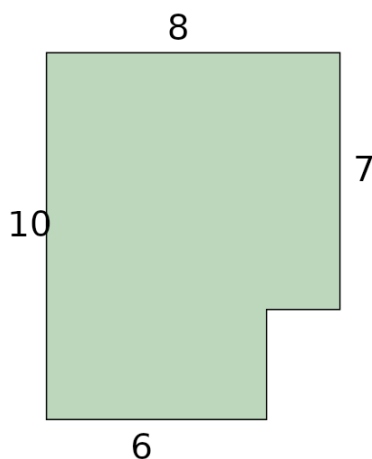
A 59.69	B 84.5	C 40.84
D 13	E 53.41	F 132.73

14 Find the circumference of the circle as a function of π



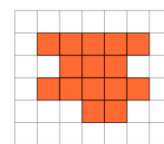
A 12π	B 20π
C 21π	D 14π
E 18π	F 7π

15 Find the perimeter



A 20	B 36	C 18
D 160	E 26	F 80

16 Find the perimeter of the shape on this grid of 1x1 squares



A 24	B 6	C 10
D 2	E 18	F 22

17 What is the surface area of this shape?

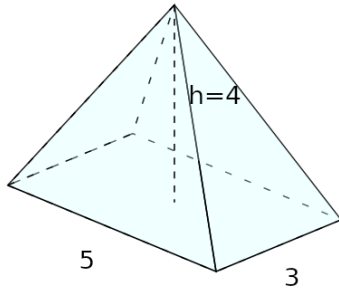
A Cone with radius 2 and a height of 5

A 46.4	B 49.1
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Measurement

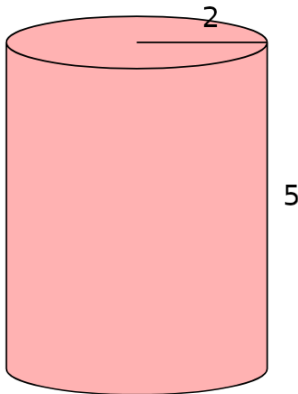
18 What is the surface area of this Rectangular Pyramid?



A 59.21

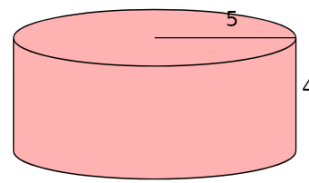
B 61.21

19 What is the surface area of this Cylinder?



A 16π	B 42π
C 28π	D 14π
E 44π	F 10π

20 What is the surface area of this Cylinder?



A 281.39

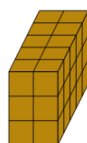
B 282.74

21 What is the surface area of this shape?

A Cylinder with radius 2 and height 5

A 85.26	B 87.96
---------	---------

22 What is the surface area of the blocks in this 2x5x3 Rectangular Prism?



A 32	B 56	C 86
D 80	E 62	F 20

23 What is the volume of this shape?

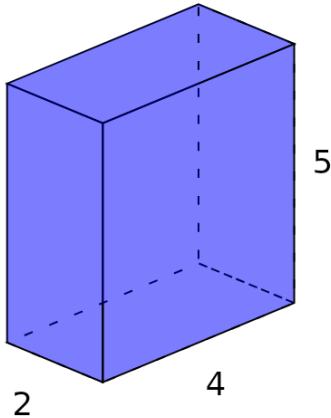
A Cylinder with radius 3 and height 5

A 141.37	B 142.72
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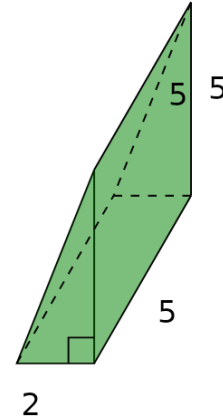
Measurement

24 What is the surface area of this Rectangular Prism?



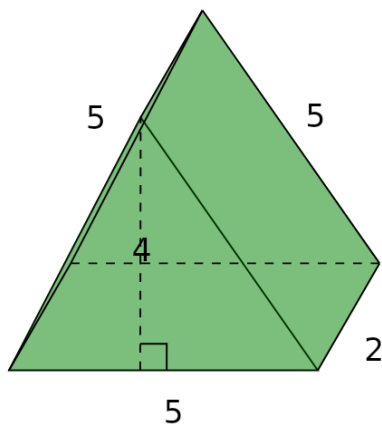
A	62	B	83	C	104
D	76	E	55	F	27

25 What is the surface area of this Triangular Prism?



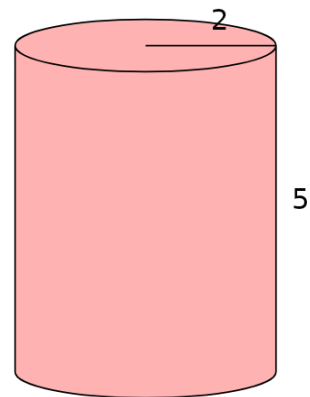
A	70	B	105	C	84
D	42	E	91	F	119

26 What is the surface area of this Triangular Prism?



A	10	B	30	C	90
D	55	E	50	F	25

27 What is the volume of this Cylinder?

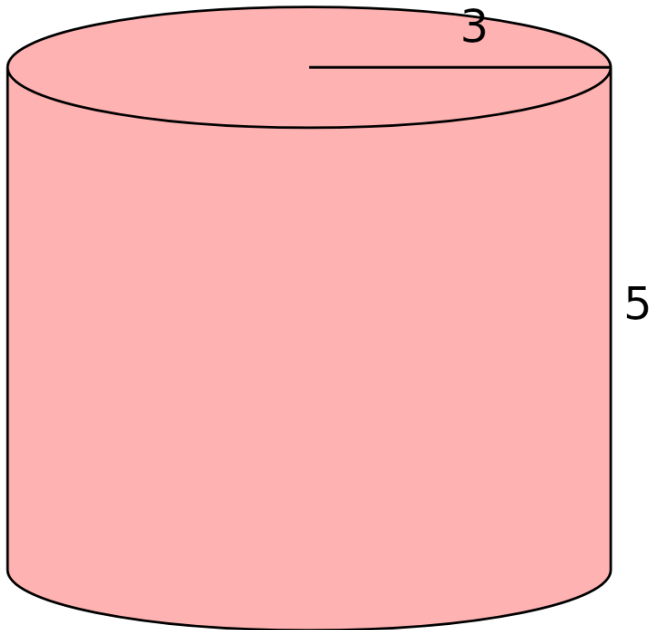


A	20π	B	34π
C	2π	D	14π
E	12π	F	10π



Measurement

28 What is the volume of this Cylinder?



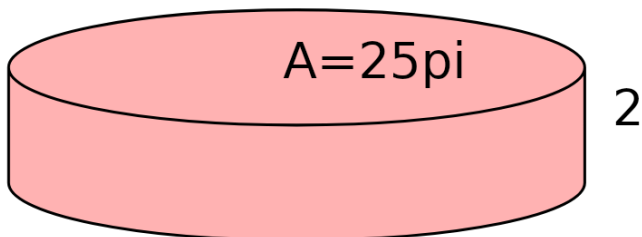
A

137.32

B

141.37

29 What is the volume of this Cylinder?



A

50π

B

55π

C

25π

D

70π

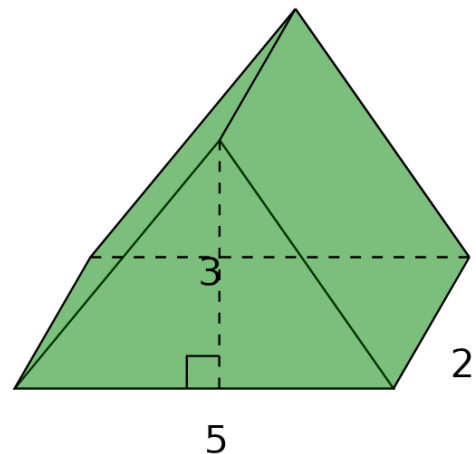
E

5π

F

85π

30 What is the volume of this Triangular Prism?



A

1.5

B

15

C

27

D

24

E

13.5

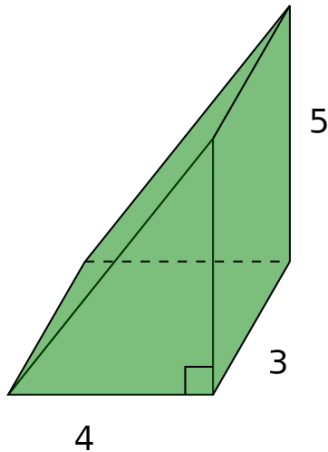
F

9



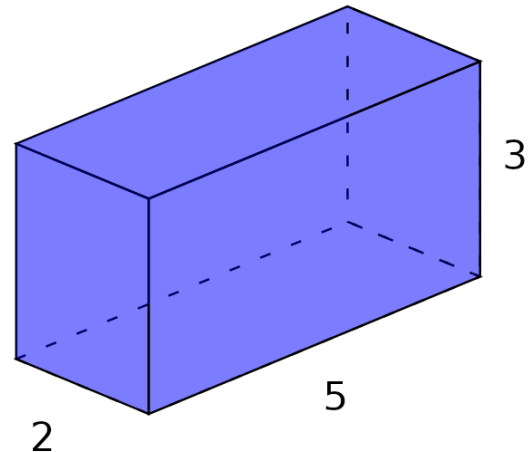
Measurement

31 What is the volume of this Triangular Prism?



A 30	B 51	C 3
D 9	E 57	F 15

32 What is the volume of this Rectangular Prism?



A 54	B 30	C 21
D 27	E 24	F 6

33 Convert this value to deciliters

240 cl

A 2.4 dl	B 0.24 dl
C 24,000 dl	D 2,400 dl
E 24 dl	F 240 dl

34 Convert this value to centiliters

0.01 l

A 0.001 cl	B 1 cl
C 10 cl	D 0.1 cl
E 0.01 cl	F 1,000 cl

35 Convert this value to decimeters

9,100 mm

A 91 dm	B 9 dm
C 910 dm	D 9,100 dm
E 0.91 dm	F 91,000 dm

36 Convert this value to millimeters

23 cm

A 230 mm	B 230,000 mm
C 23 mm	D 2.3 mm
E 2,300 mm	F 0.23 mm