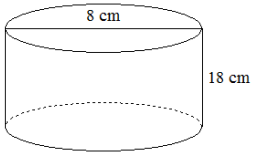
powered by ExamView

Find the surface area of the cylinder.

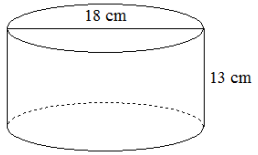


Not drawn to scale

a. 272π cm^2 b. 416π cm^2 c. 176π cm^2 d. 320 cm^2

powered by ExamView

Find the surface area of the cylinder.

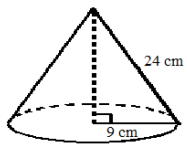


Not drawn to scale

a. 630 cm^2 b. 1116π cm^2 c. 882π cm^2 d. 396π cm^2

powered by ExamView

Find the surface area of the cone to the nearest tenth.

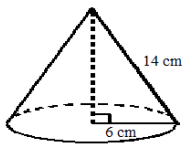


Not drawn to scale

a. 234 cm^2 b. 933.1 cm^2 c. 1611.6 cm^2 d. 256.5 cm^2

powered by ExamView

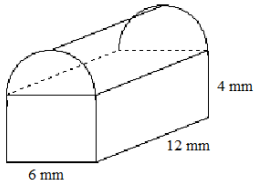
Find the surface area of the cone to the nearest tenth.



Not drawn to scale

a. 640.9 cm^2 b. 96 cm^2 c. 102 cm^2 d. 377 cm^2

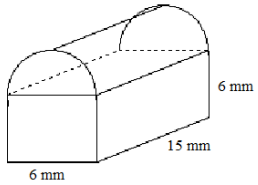
Find the volume of the composite space figure to the nearest whole number.



Not drawn to scale

a. 342 mm^3 b. 627 mm^3 c. 218 mm^3 d. 458 mm^3

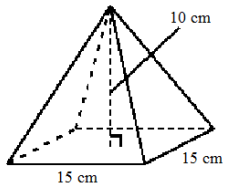
Find the volume of the composite space figure to the nearest whole number.



Not drawn to scale

a. 964 mm^3 b. 752 mm^3 c. 302 mm^3 d. 608 mm^3

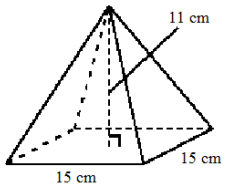
Choose the closest value for the volume of the pyramid.



Not drawn to scale

a. 228.3 cm^3 b. 1125 cm^3 c. 50 cm^3 d. 750 cm^3

Choose the closest value for the volume of the pyramid.

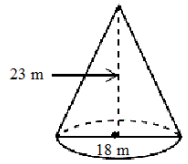


Not drawn to scale

a. 55 cm^3 b. 1237.5 cm^3 c. 825 cm^3 d. 228.7 cm^3

powered by ExamView

Choose the closest value for the volume of the cone.

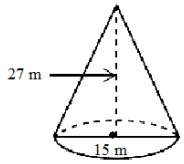


Not drawn to scale

a. 1950.9 m^3 b. 867.1 m^3 c. 7803.7 m^3 d. 2926.4 m^3

powered by ExamView

Choose the closest value for the volume of the cone.

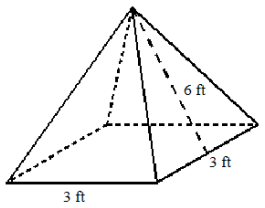


Not drawn to scale

a. 1590.4 m^3 b. 6361.7 m^3 c. 2385.6 m^3 d. 848.2 m^3

powered by ExamView

Choose the closest surface area for the pyramid.

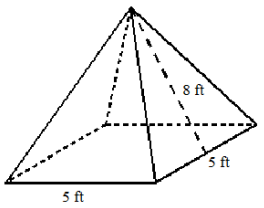


Not drawn to scale

a. 36 ft^2 b. 81 ft^2 c. 15 ft^2 d. 45 ft^2

powered by ExamView

Choose the closest surface area for the pyramid.

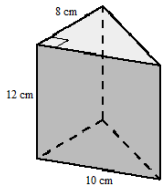


Not drawn to scale

a. 80 ft^2 b. 185 ft^2 c. 105 ft^2 d. 30 ft^2

powered by ExamView

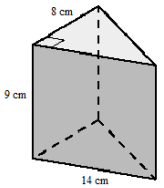
Find the volume of the prism.



a. 960 cm^3
b. 240 cm^3
c. 30 cm^3
d. 480 cm^3

powered by ExamView

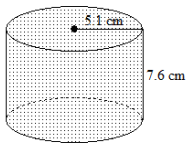
Find the volume of the prism.



a. 1008 cm^3
b. 504 cm^3
c. 31 cm^3
d. 252 cm^3

powered by ExamView

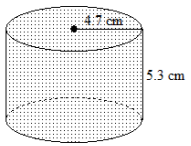
Choose the closest value for the volume of the cylinder.



a. about 1242.03 cm^3
b. about 621.02 cm^3
c. about 243.54 cm^3
d. about 121.77 cm^3

powered by ExamView

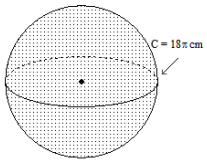
Choose the closest value for the volume of the cylinder.



a. about 156.51 cm^3
b. about 78.26 cm^3
c. about 367.81 cm^3
d. about 735.62 cm^3

powered by ExamView

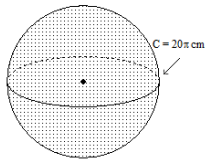
Choose the closest surface area for the sphere.



a. about 254.47 cm^2
b. about 3053.63 cm^2
c. about 1017.88 cm^2
d. about 4071.5 cm^2

powered by ExamView

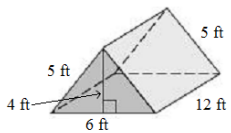
Choose the closest surface area for the sphere.



a. about 314.16 cm^2
b. about 1256.64 cm^2
c. about 5026.55 cm^2
d. about 4188.79 cm^2

powered by ExamView

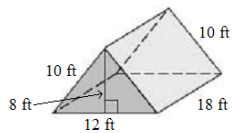
Find the surface area of the prism.



a. 240 ft^2
b. 216 ft^2
c. 222 ft^2
d. 204 ft^2

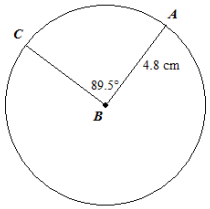
powered by ExamView

Find the surface area of the prism.



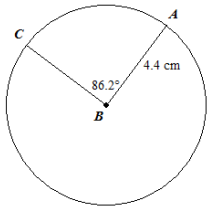
a. 672 ft^2
b. 624 ft^2
c. 768 ft^2
d. 678 ft^2

Which of the following are areas of sectors formed by $\angle ABC$?



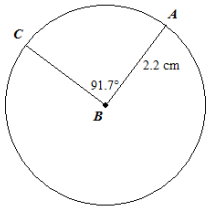
a. about 54.39 cm^2
b. about 3.75 cm^2
c. about 18.00 cm^2
d. about 35.99 cm^2

Which of the following are areas of sectors formed by $\angle ABC$?



a. about 46.26 cm^2
b. about 3.31 cm^2
c. about 14.56 cm^2
d. about 29.13 cm^2

Which of the following are areas of sectors formed by $\angle ABC$?



a. about 1.76 cm^2
b. about 7.75 cm^2
c. about 11.33 cm^2
d. about 3.87 cm^2

Find the area, in square centimeters, of a regular pentagon to one decimal place with a side length of 20 centimeters.

powered by ExamView

Find the area, in square centimeters, of a regular pentagon to one decimal place with a side length of 78 centimeters. Enter your answer without any commas.

powered by ExamView

41,000 people live in a 16-mile radius. Find the population density to the nearest person per square mile.

powered by ExamView

57,000 people live in a 9-mile radius. Find the population density to the nearest person per square mile.

powered by ExamView

A concrete rectangular driveway has a width of 21 feet, a length of 60 feet, and a thickness of $\frac{1}{3}$ feet. Concrete has a cost of $80 per cubic yard. Recall that 1 yard equals three feet Find the cost of the driveway to the nearest dollar.
Enter your answer without any commas

A concrete rectangular driveway has a width of 27 feet, a length of 57 feet, and a thickness of $\frac{1}{3}$ feet. Concrete has a cost of $60 per cubic yard. Recall that 1 yard equals three feet Find the cost of the driveway to the nearest dollar.
Enter your answer without any commas

A sphere has a circumference of 10π meters. Use 3.14 as an estimation for pi to find its volume, in cubic meters, to one decimal place.

A sphere has a circumference of 2π inches. Use 3.14 as an estimation for pi to find its volume, in cubic inches, to one decimal place.

You need to make a cylindrical can with a diameter of 7 inches and a volume of 296 cubic inches. Use 3.14 as an estimation for pi to find how many inches the height of the can should be. Round your answer to one decimal place.

You need to make a cylindrical can with a diameter of 3 inches and a volume of 56 cubic inches. Use 3.14 as an estimation for pi to find how many inches the height of the can should be. Round your answer to one decimal place.