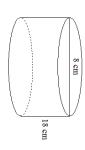
ExamView

Find the surface area of the cylinder.



Not drawn to scale

a.  $272\pi \text{ cm}^2$ 

b.  $416\pi \text{ cm}^2$ 

c.  $176\pi \text{ cm}^2$ 

d.  $320 \text{ cm}^2$ 

geo\_09\_review\_notes.gwb - 3/33 - Tue May 04 2021 06:47:37



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



Not drawn to scale

a. 234 cm<sup>2</sup>

b. 933.1 cm<sup>2</sup>

c. 1611.6 cm<sup>2</sup>

d. 256.5 cm<sup>2</sup>

Find the surface area of the cylinder. 18 cm

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Not drawn to scale

a. 630 cm<sup>2</sup>

b. 1116π cm<sup>2</sup>

c.  $882\pi \text{ cm}^2$ 

d.  $396\pi \text{ cm}^2$ 

ExamView

geo\_09\_review\_notes.gwb - 4/33 - Tue May 04 2021 06:48:55

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



Not drawn to scale

a. 640.9 cm<sup>2</sup>

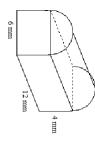
b. 96 cm<sup>2</sup>

c.  $102 \text{ cm}^2$ 

d. 377 cm<sup>2</sup>

ExamView

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



Not drawn to scale

a.  $342 \text{ mm}^3$ 

b. 627 mm<sup>3</sup>

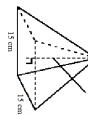
c. 218 mm<sup>3</sup>

d. 458 mm<sup>3</sup>

geo\_09\_review\_notes.gwb - 7/33 - Tue May 04 2021 06:55:00

ExamView

Choose the closest value for the volume of the pyramid.



Not drawn to scale

a. 228.3 cm<sup>3</sup>

b. 1125 cm<sup>3</sup>

c.

50 cm<sup>3</sup>

d. 750 cm<sup>3</sup>

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

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Not drawn to scale

964 mm<sup>3</sup>

a.

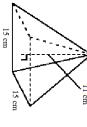
b. 752 mm<sup>3</sup>

ç. 302 mm<sup>3</sup>

d. 608 mm<sup>3</sup>

ExamView

Choose the closest value for the volume of the pyramid.



Not drawn to scale

a. 55 cm<sup>3</sup>

b. 1237.5 cm<sup>3</sup>

c. 825 cm<sup>3</sup>

d. 228.7 cm<sup>3</sup>



Choose the closest value for the volume of the cone.



Not drawn to scale

a. 1950.9 m<sup>3</sup>

b. 867.1 m<sup>3</sup>

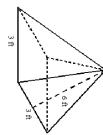
c. 7803.7 m<sup>3</sup>

d. 2926.4 m<sup>3</sup>

geo\_09\_review\_notes.gwb - 11/33 - Tue May 04 2021 06:59:52



Choose the closest surface area for the pyramid.



Not drawn to scale

a. 36 ft<sup>2</sup>

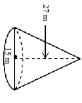
b. 81 ft<sup>2</sup>

c.  $15 \text{ ft}^2$ 

d. 45 ft<sup>2</sup>

ExamView

Choose the closest value for the volume of the cone.



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a. 1590.4 m<sup>3</sup>

Not drawn to scale

b. 6361.7 m<sup>3</sup>

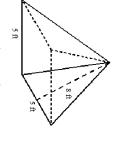
c. 2385.6 m<sup>3</sup>

d. 848.2 m<sup>3</sup>

ExamView

geo\_09\_review\_notes.gwb - 12/33 - Tue May 04 2021 07:01:05

Choose the closest surface area for the pyramid.



Not drawn to scale

b. 185 ft<sup>2</sup>

**a.** 80 ft<sup>2</sup>

c.  $105 \text{ ft}^2$ 

d. 30 ft<sup>2</sup>



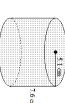
a. 960 cm<sup>3</sup>
 b. 240 cm<sup>3</sup>

c. 30 cm<sup>3</sup>
 d. 480 cm<sup>3</sup>

geo\_09\_review\_notes.gwb - 15/33 - Tue May 04 2021 07:04:27

ExamView

Choose the closest value for the volume of the cylinder.



ъ. . about 1242.03 cm<sup>3</sup> . about 621.02 cm<sup>3</sup>

c. about 243.54 cm<sup>3</sup>
 d. about 121.77 cm<sup>3</sup>

ExamView

geo\_09\_review\_nates.gwb - 14/33 - Tue May 04 2021 07:03:17

Find the volume of the prism.

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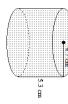
a. 1008 cm<sup>3</sup>
 b. 504 cm<sup>3</sup>

c. 31 cm<sup>3</sup>
 d. 252 cm<sup>3</sup>

geo\_09\_review\_notes.gwb - 16/33 - Tue May 04 2021 07:05:24

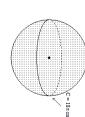
ExamView

Choose the closest value for the volume of the cylinder.



a. about 156.51 cm<sup>3</sup>
 b. about 78.26 cm<sup>3</sup>

c. about 367.81 cm<sup>3</sup>
 d. about 735.62 cm<sup>3</sup>

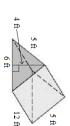


- a. about 254.47 cm<sup>2</sup>
  b. about 3053.63 cm<sup>2</sup>
- c. about 1017.88 cm<sup>2</sup>
  d. about 4071.5 cm<sup>2</sup>

geo\_09\_review\_notes.gwb - 19/33 - Tue May 04 2021 07:09:25

ExamView

Find the surface area of the prism.



**5**. 240 ft² 216 ft²

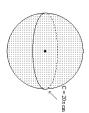
d. 222 ft² 204 ft²

ExamView

geo\_09\_review\_notes.gwb - 18/33 - Tue May 04 2021 07:07:42

Choose the closest surface area for the sphere.

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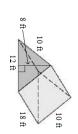


- a. about 314.16 cm<sup>2</sup>
  b. about 1256.64 cm<sup>2</sup>
- c. about 5026.55 cm<sup>2</sup>
  d. about 4188.79 cm<sup>2</sup>

ExamView

geo\_09\_review\_notes.gwb - 20/33 - Tue May 04 2021 07:10:40

Find the surface area of the prism.



**Б**. 672 ft² 624 ft²

c. 768 ft²
 d. 678 ft²

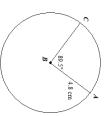
ExamView

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

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Which of the following are areas of sectors formed by \( \angle 4BC? \)



- a. about 54.39 cm<sup>2</sup>
  b. about 3.75 cm<sup>2</sup>
- c. about 18.00 cm<sup>2</sup>
  d. about 35.99 cm<sup>2</sup>

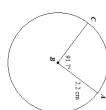
a. about 46.26 cm<sup>2</sup>
 b. about 3.31 cm<sup>2</sup>

c. about 14.56 cm<sup>2</sup>
 d. about 29.13 cm<sup>2</sup>

geo\_09\_review\_notes.gwb - 23/33 - Tue May 04 2021 07:19:13



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



- about  $1.76 \text{ cm}^2$ about  $7.75 \text{ cm}^2$
- b.
- c. about 11.33 cm<sup>2</sup>
  d. about 3.87 cm<sup>2</sup>

ExamView

geo\_09\_review\_notes.gwb - 24/33 - Tue May 04 2021 07:25:01

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



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.

ExamView

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

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

ExamView

geo\_09\_review\_notes.gwb - 28/33 - Tue May 04 2021 07:33:37

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

ExamVie W

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

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geo\_09\_review\_notes.gwb - 31/33 - Tue May 04 2021 07:38:07



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

geo\_09\_review\_notes.gwb - 32/33 - Tue May 04 2021 07:40:10

ExamView

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.

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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.

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