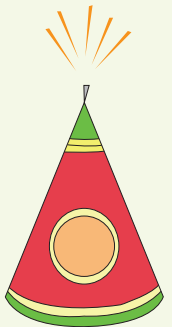
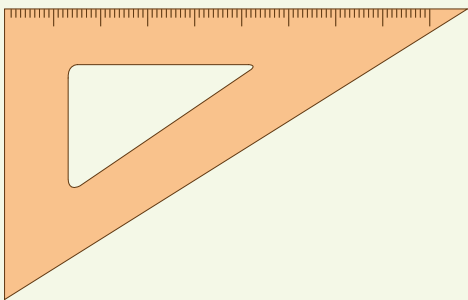
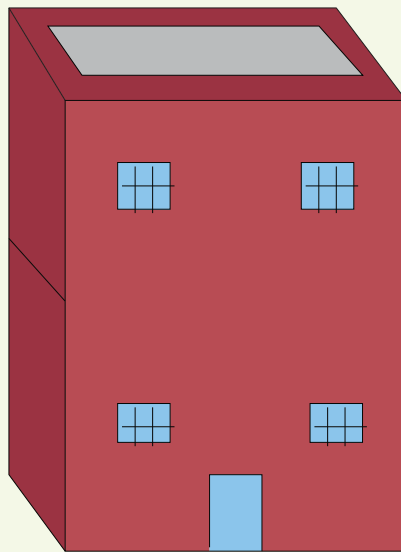
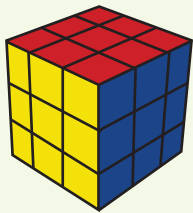
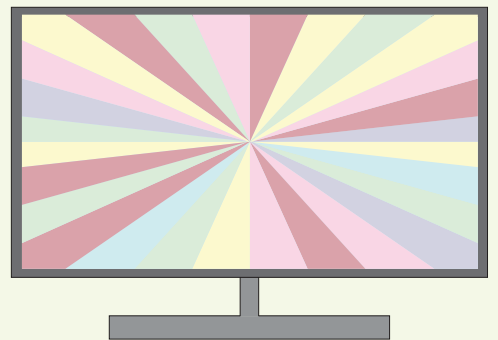
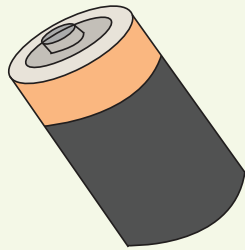


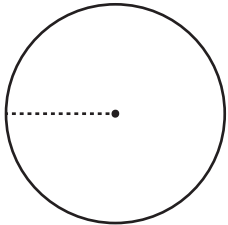
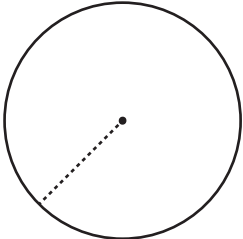
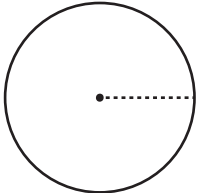
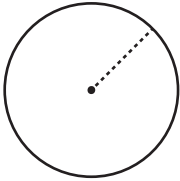
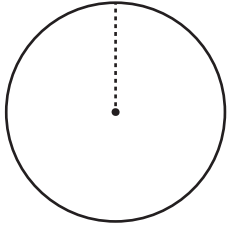
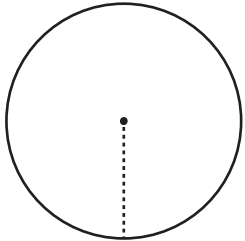
Geometry Volume-2

7th
Grade



Workbook 1

Find the area of each circle.

- | | | |
|--|---|---|
| <p>1)</p>  <p>Circumference = 40π in</p> <p>Radius = _____</p> <p>Area = _____</p> | <p>2)</p>  <p>Circumference = 12π ft</p> <p>Radius = _____</p> <p>Area = _____</p> | <p>3)</p>  <p>Circumference = 26π yd</p> <p>Radius = _____</p> <p>Area = _____</p> |
| <p>4)</p>  <p>Circumference = 32π yd</p> <p>Radius = _____</p> <p>Area = _____</p> | <p>5)</p>  <p>Circumference = 16π in</p> <p>Radius = _____</p> <p>Area = _____</p> | <p>6)</p>  <p>Circumference = 30π ft</p> <p>Radius = _____</p> <p>Area = _____</p> |

7) A circle has a circumference of 22π ft. What is its area?

Area = _____

8) The circumference of a circular park is 34π yd. What is the area of the park?

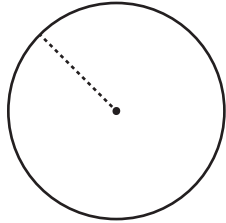
Area = _____

Area

M

Find the area of each circle. Round the answer to tenth decimal place. (use $\pi=3.14$)

1)

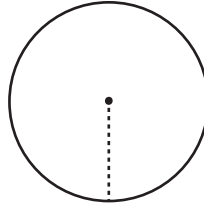


Circumference = 150.7 ft

Radius = _____

Area = _____

2)

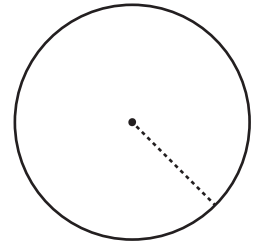


Circumference = 219.8 yd

Radius = _____

Area = _____

3)

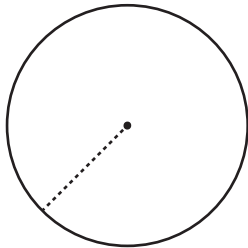


Circumference = 257.5 in

Radius = _____

Area = _____

4)

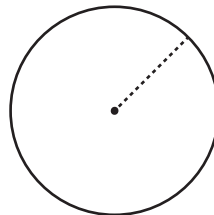


Circumference = 232.4 in

Radius = _____

Area = _____

5)

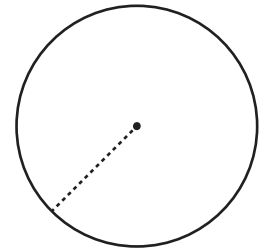


Circumference = 358 ft

Radius = _____

Area = _____

6)



Circumference = 251.2 yd

Radius = _____

Area = _____

7) A circle has a circumference of 144.4 in. What is its area?

Area = _____

8) The circumference of a circular building is 207.2 ft. Find the area of the base of the building.

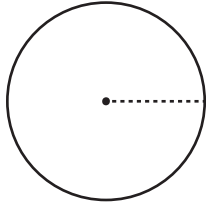
Area = _____

Area

D

Find the area of each circle. Round the answer to two decimal places. (use $\pi=3.14$)

1)

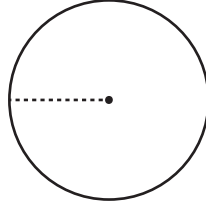


Circumference = 77.87 in

Radius = _____

Area = _____

2)

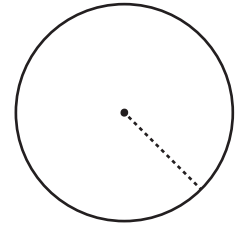


Circumference = 111.78 ft

Radius = _____

Area = _____

3)

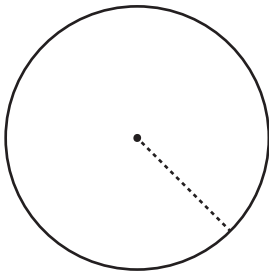


Circumference = 56.08 yd

Radius = _____

Area = _____

4)

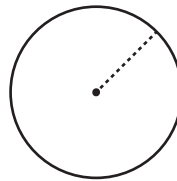


Circumference = 41.20 ft

Radius = _____

Area = _____

5)

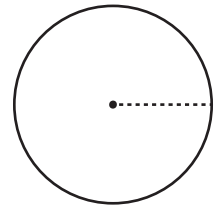


Circumference = 18.15 yd

Radius = _____

Area = _____

6)



Circumference = 27.32 in

Radius = _____

Area = _____

7) A circle has a circumference of 70.96 in. What is its area?

Area = _____

8) The circumference of a circular lid is 102.99 in. What is the area of the lid?

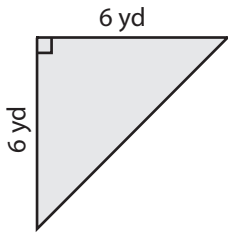
Area = _____

Triangle - Area

E

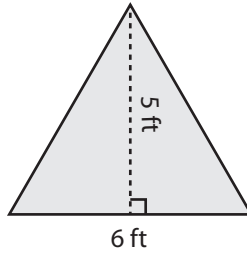
Find the area of each triangle.

1)



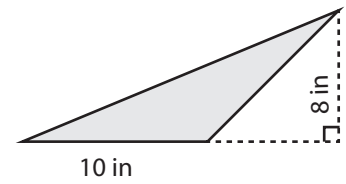
Area =

2)



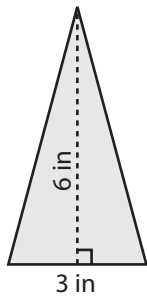
Area =

3)



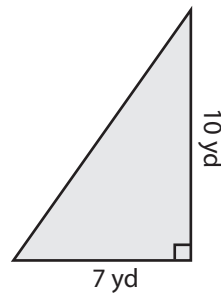
Area =

4)



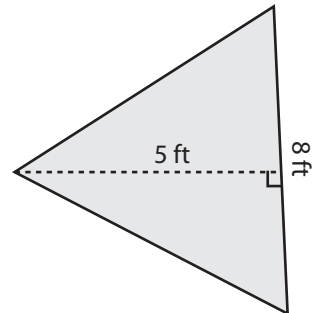
Area =

5)



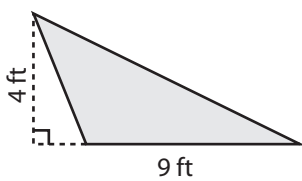
Area =

6)



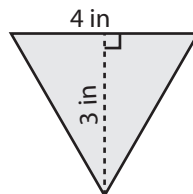
Area =

7)



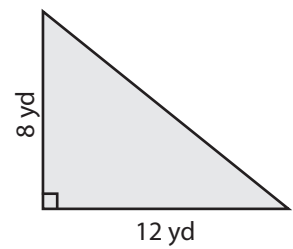
Area =

8)



Area =

9)



Area =

Pages 5 to 14 are available only for members.

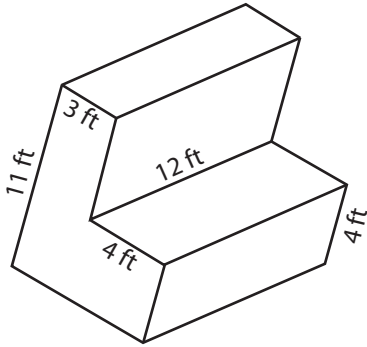
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Surface Area - L Blocks

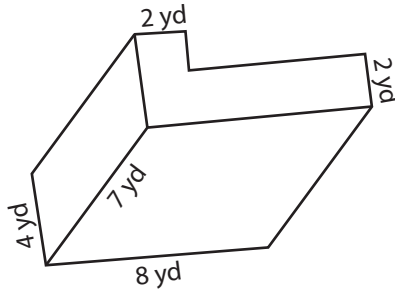
Find the surface area of each L-block.

1)



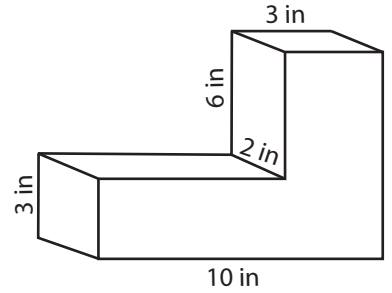
Surface Area = _____

2)



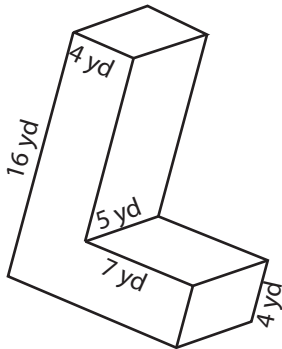
Surface Area = _____

3)



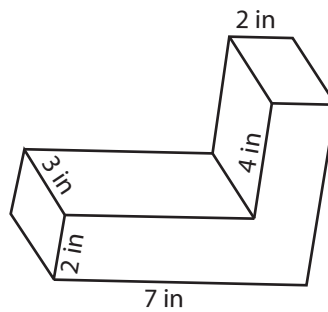
Surface Area = _____

4)



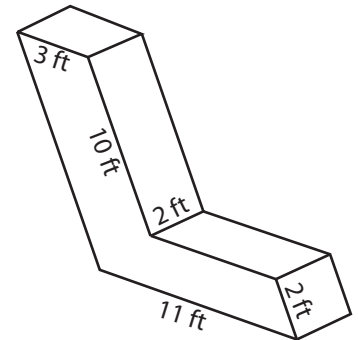
Surface Area = _____

5)



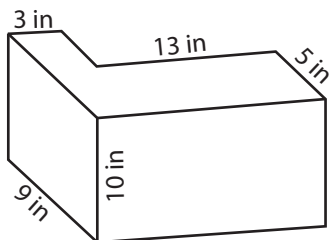
Surface Area = _____

6)



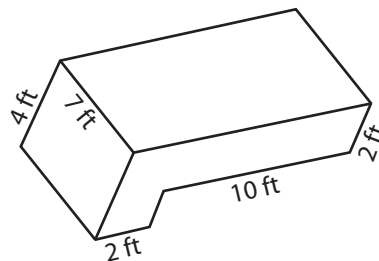
Surface Area = _____

7)



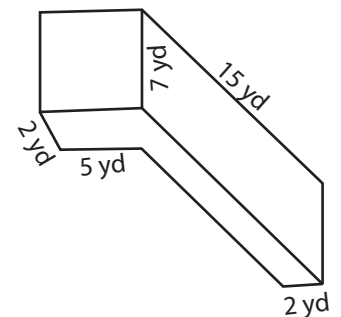
Surface Area = _____

8)



Surface Area = _____

9)

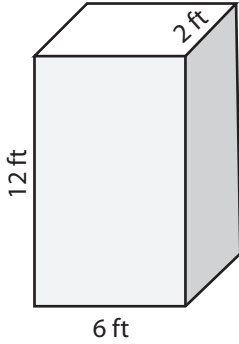


Surface Area = _____

Surface Area: Prisms & Cylinders

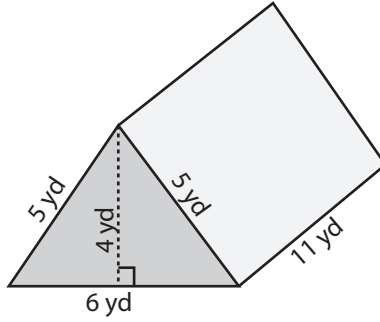
Find the exact surface area of each shape.

1)



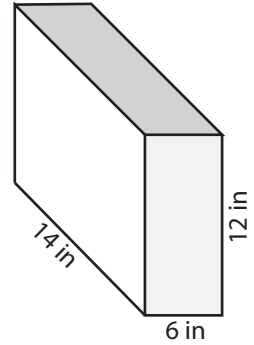
Surface Area = _____

2)



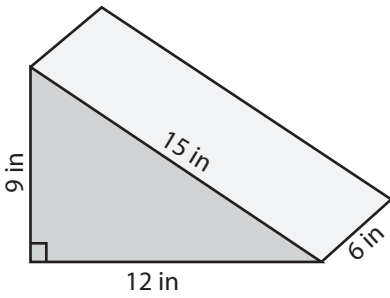
Surface Area = _____

3)



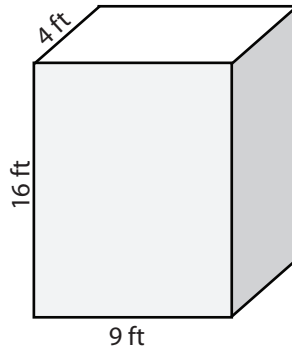
Surface Area = _____

4)



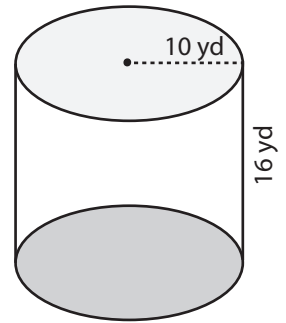
Surface Area = _____

5)



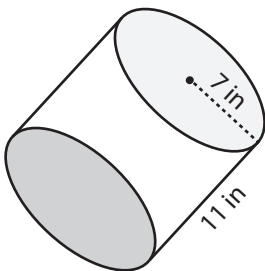
Surface Area = _____

6)



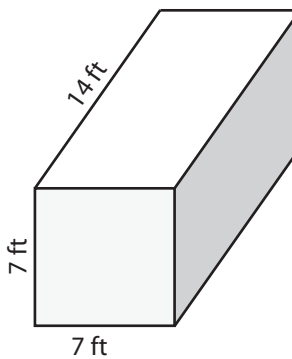
Surface Area = _____

7)



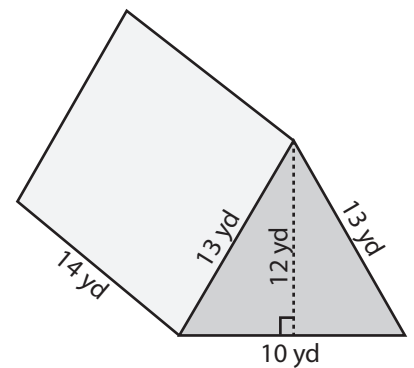
Surface Area = _____

8)



Surface Area = _____

9)

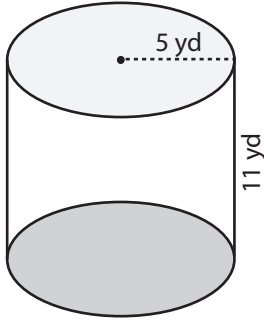


Surface Area = _____

Surface Area: Prisms & Cylinders

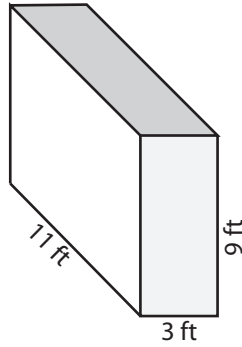
Find the exact surface area of each shape.

1)



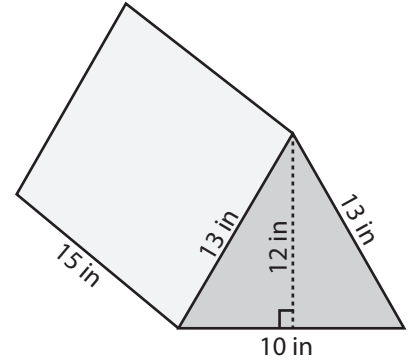
Surface Area = _____

2)



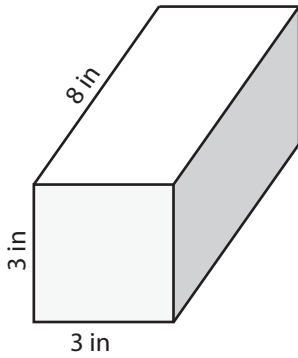
Surface Area = _____

3)



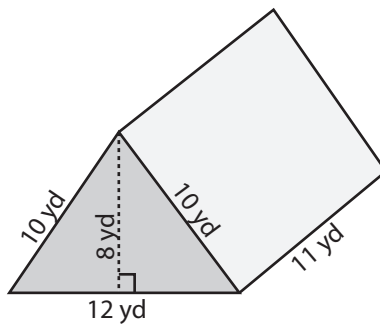
Surface Area = _____

4)



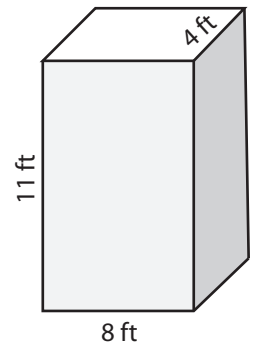
Surface Area = _____

5)



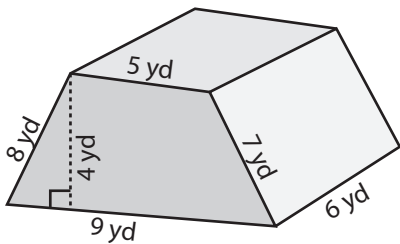
Surface Area = _____

6)



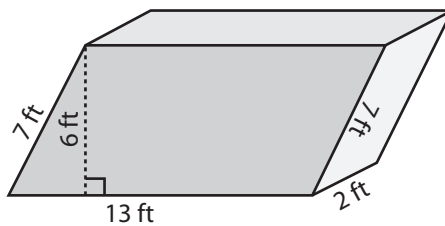
Surface Area = _____

7)



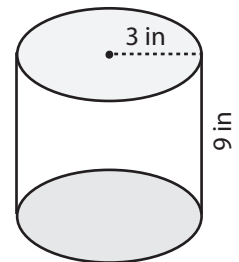
Surface Area = _____

8)



Surface Area = _____

9)

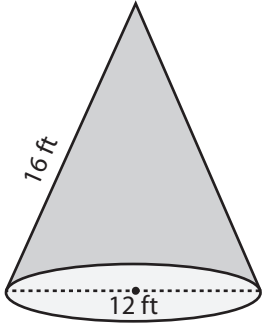


Surface Area = _____

Surface Area - Mixed Shapes

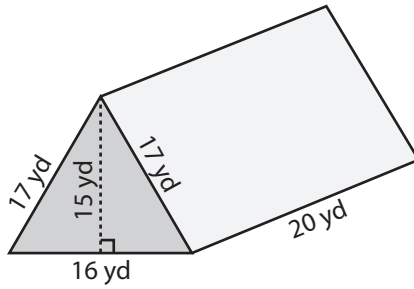
Find the exact surface area of each shape.

1)



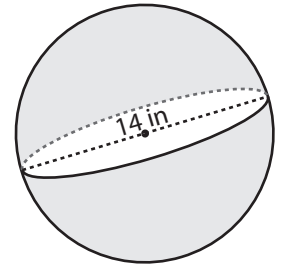
Surface Area = _____

2)



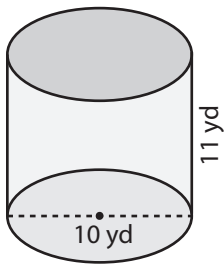
Surface Area = _____

3)



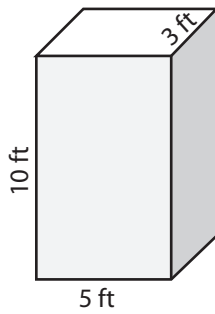
Surface Area = _____

4)



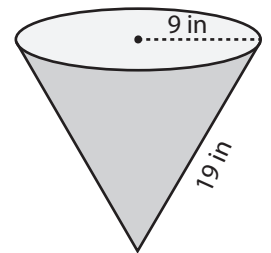
Surface Area = _____

5)



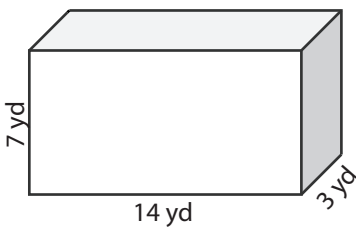
Surface Area = _____

6)



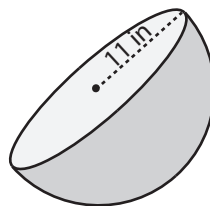
Surface Area = _____

7)



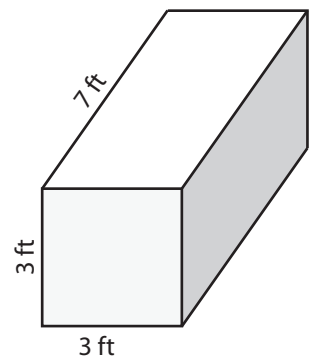
Surface Area = _____

8)



Surface Area = _____

9)



Surface Area = _____