

# 7.5 Thinking Classroom - Volume Bubble Key

840

15

4580.44

421,875

19

5

$4.5\pi$

95,000 L

14.14

$94\text{m}^2$

473.69

$128\pi$

402.12

33.81

$40.5\text{m}^3$

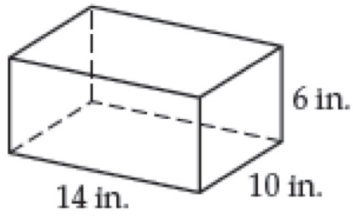
$168\pi$

527.79

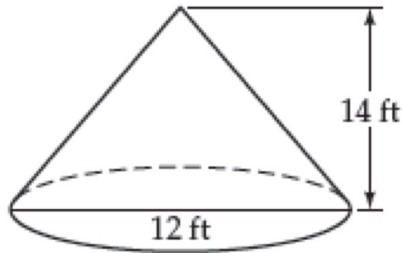
1.67

find Volume

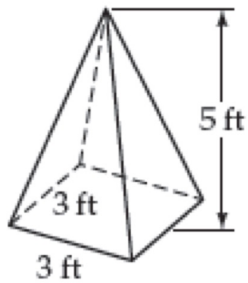
1.



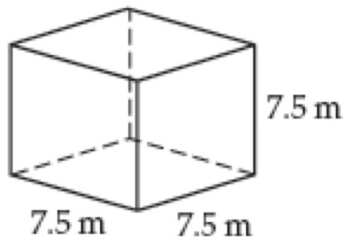
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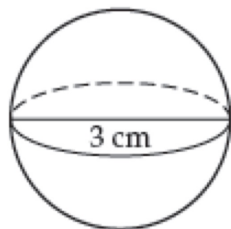
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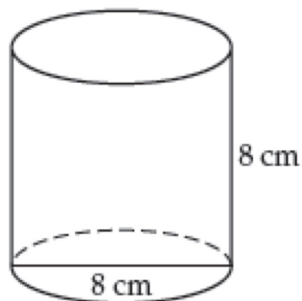
4.



5.

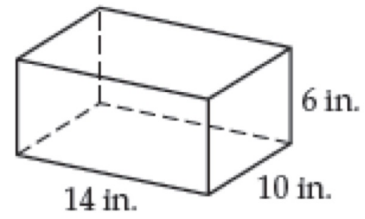


6.

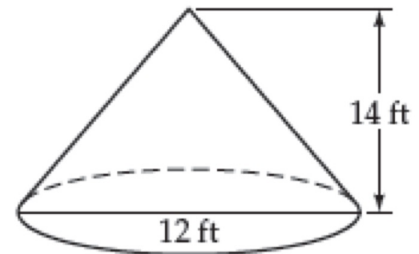


find Volume

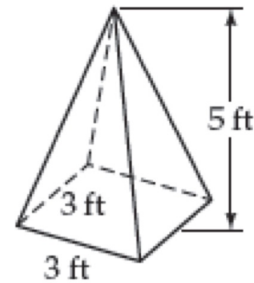
1.



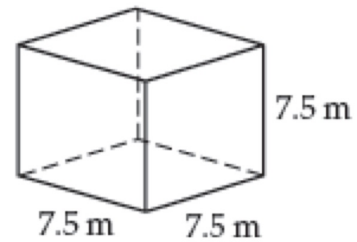
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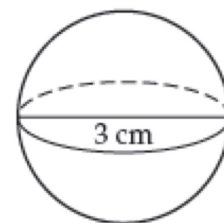
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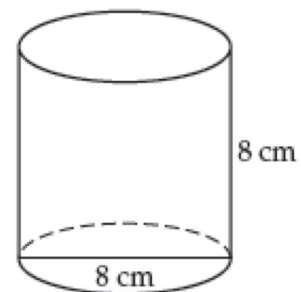
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5.



6.

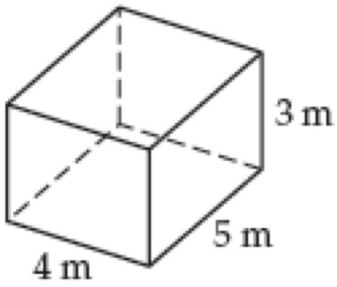


# Thinking Classroom



find Surface Area

7.



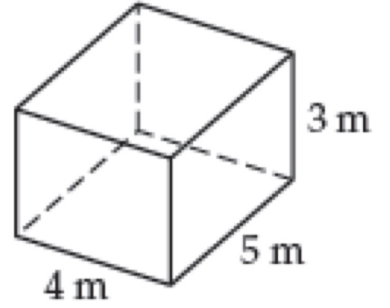
28. Fish Hatchery A rectangular tank at a fish hatchery is 9 m long, 3 m wide, and 1.5 m deep. Find the volume of the water in the tank when the tank is full.

7.5 Vol. & S.A.



find Surface Area

7.



28. Fish Hatchery A rectangular tank at a fish hatchery is 9 m long, 3 m wide, and 1.5 m deep. Find the volume of the water in the tank when the tank is full.

35. Surface Area The radius of the base of a cylinder is 4 in. The height of the cylinder is 12 in. Find the surface area of the cylinder. Round to the nearest hundredth of a square inch.

44. Ballooning A hot air balloon is in the shape of a sphere. Approximately how much fabric was used to construct the balloon if its diameter is 32 ft? Round to the nearest square foot.

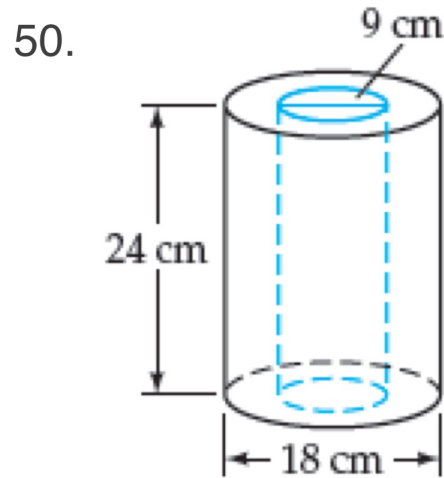
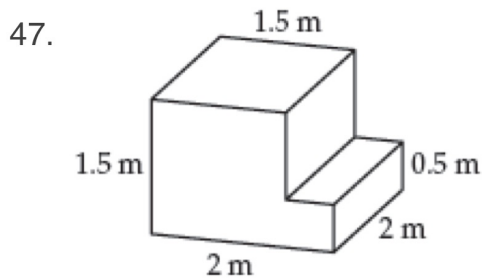
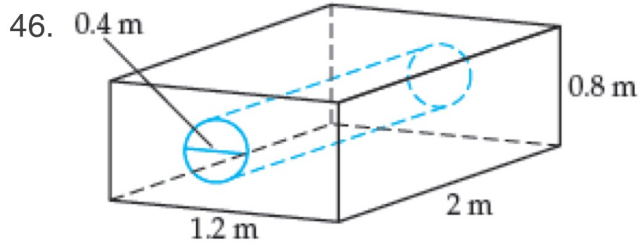


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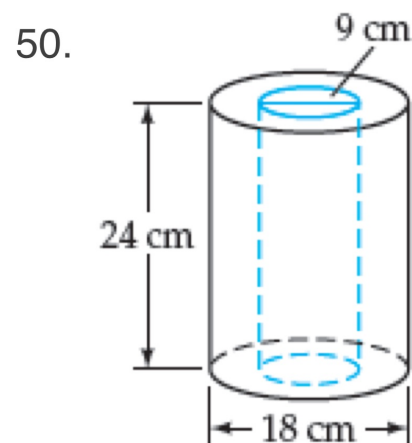
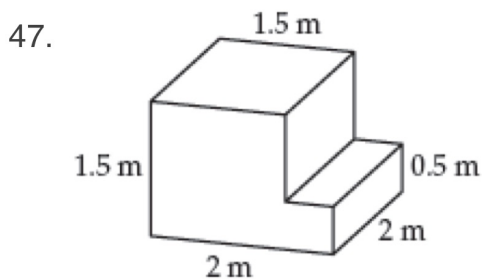
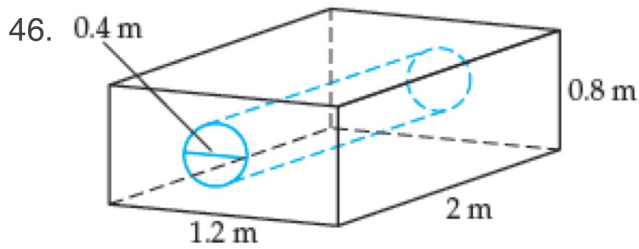
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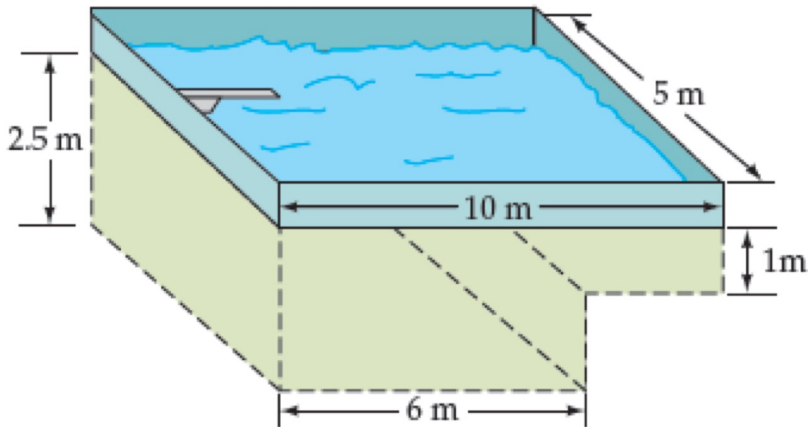
find Volume



find Volume

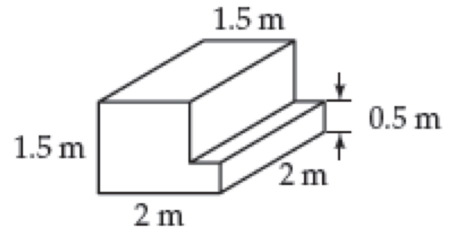


57. Swimming Pools How many liters of water are needed to fill the swimming pool shown below? ( $1 \text{ m}^3$  contains 1000 L.)

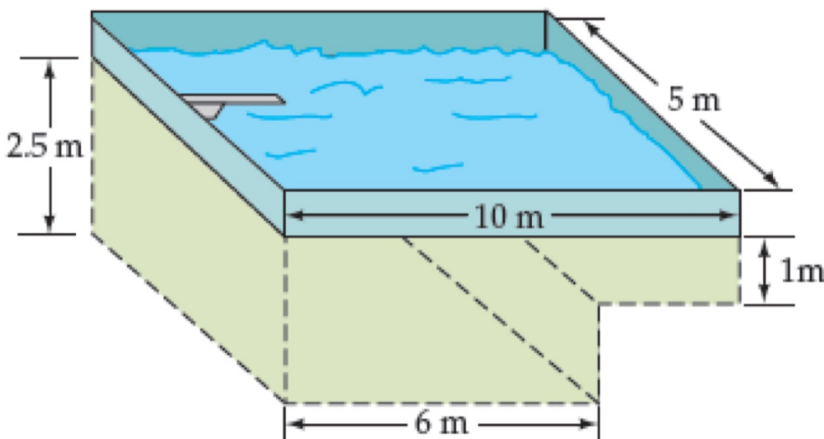


find surface Area

52.



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find surface Area

52.

