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# Area, Volume, and Surface Area

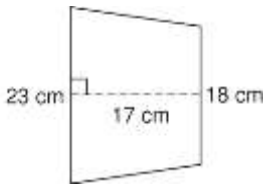
## Practice Test

1. Find the area of a square with a side length of 8.2 in.

2. A rectangle has a length of 25 cm and a width of 50 cm. What is its area?

3. A triangle has a base of 80 cm and a height of 10 cm. What is its area?

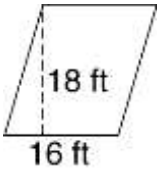
4. What is the area of the trapezoid?



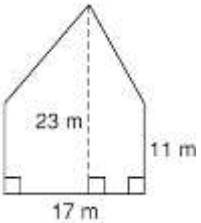

F 174.25 $cm^2$ H 348.5 $cm^2$

G 306 $cm^2$ J 697 $cm^2$

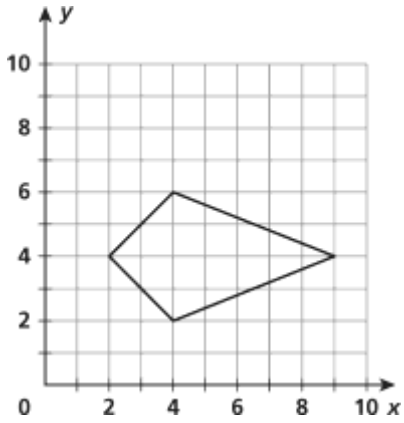
5. Find the area of the parallelogram below.




6. What is the area of the polygon?




7. A landscaper wants to create an area as shown in the grid below covered with paving stones. What is the area to be covered?




F 10 $ft^2$ H 14 $ft^2$

G 12 $ft^2$ J 28 $ft^2$

8. A rectangle has a length of 9 cm and a width of 14 cm. What is its area?

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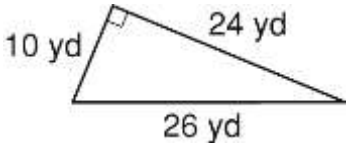
9. What is the area of the triangle?

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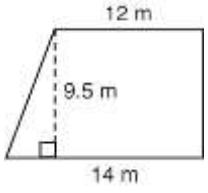
10. What is the area of the trapezoid?



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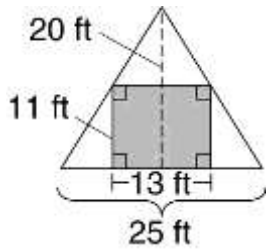
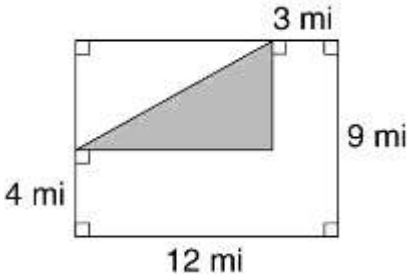
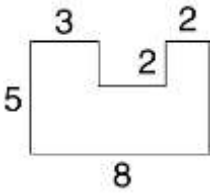
11. Find the area of the WHITE part of the figure below.




12. Find the area of the WHITE part of the figure below.

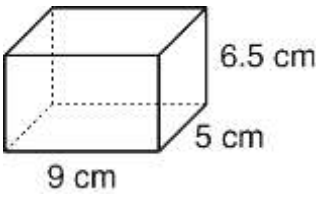



13. Find the area of the figure below.



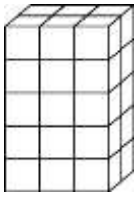

14. What is the volume of a rectangular prism with side lengths 14 m, $2\frac{1}{4}$ m, and 3 m?

15. What is the volume of this figure?



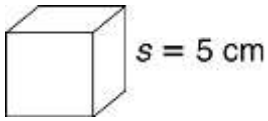

16. Find the volume.

17. Find the surface area.

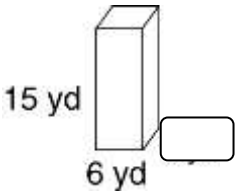


18. Find the volume.

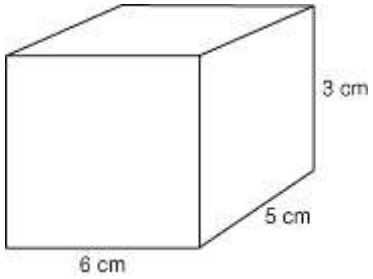
19. Find the surface area.



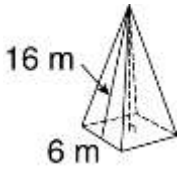

20. If the volume is 180 $yd^3$, what is the width?




21. What is the surface area of this figure?




22. What is the surface area of this figure?




23. Draw a net of a square pyramid.

24. Draw two different nets for a cube.

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