

SHAPES & SIZES

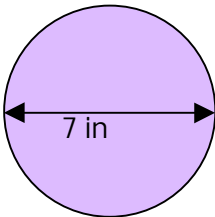
FINAL TEST

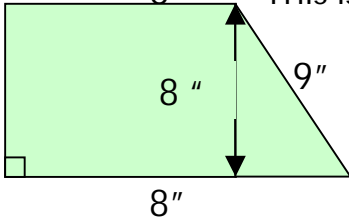
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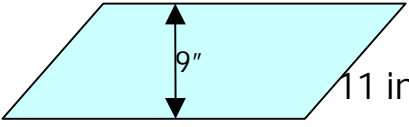
Find the answers requested in each problem.

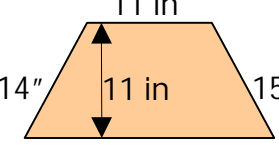
A = area P = perimeter R = radius D = diameter

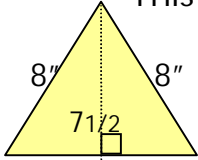
C = circumference Use $22/7$ for π

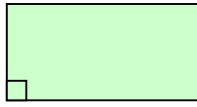
1)  D = _____
R = _____
C = _____
A = _____

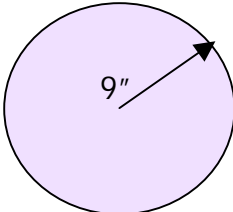
2)  This is a _____
P = _____
A = _____

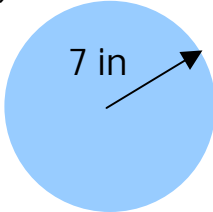
3) This is a _____
 A = _____
P = _____

4) This is a _____
 P = _____
A = _____

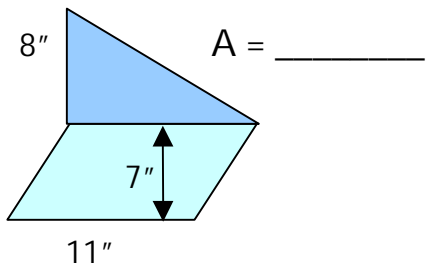
5) This is a _____
 P = _____
A = _____

6) This is a _____
 P = _____
A = _____

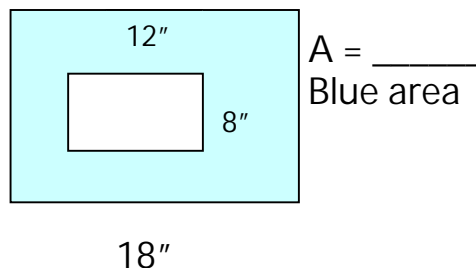
7)  D = _____
R = _____
C = _____
A = _____

8)  D = _____
R = _____
C = _____
A = _____

9)



10)

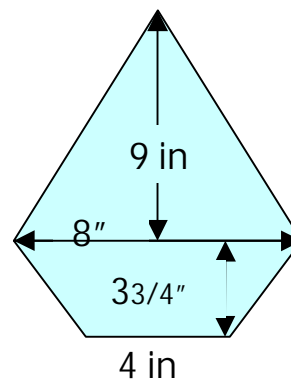


11)

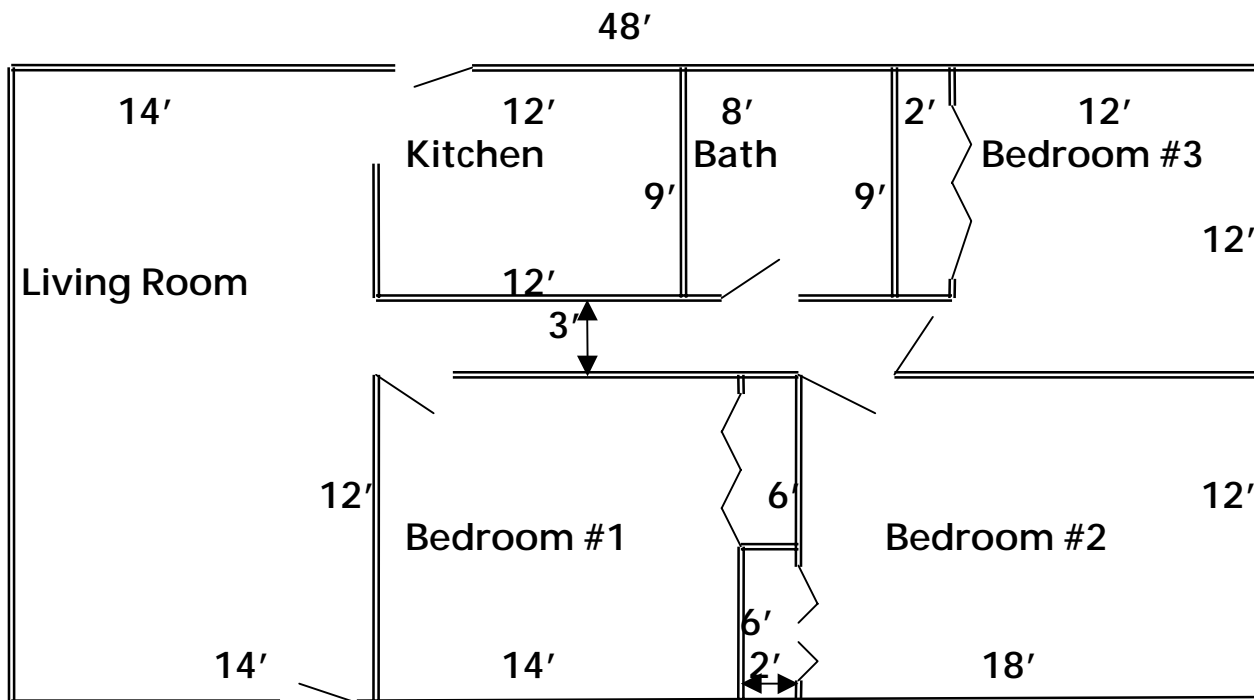
The area of the triangle = _____

The area of the trapezoid is _____

The total area is _____



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This is the home of Fred and Freda Frump. They just had it built for \$47 per square foot. They are now in the finishing stages and sre deciding

on the carpet, paint, and kitty litter. They have decided on carpet for the living room that costs \$17.50 per square yard. Tile in the bathroom costs \$2.26 per square foot. Inlaid in the kitchen costs \$13.50 per square yard. Carpet in the hall is the same as the carpet in the living room. In bedroom #1 they have chosen a carpet that costs \$14.95 per yard. The carpet for bedroom #2 costs \$14.50 per square yard. In bedroom #3 the carpet will cost \$13.50 per square yard.

13) What will it cost for carpet for the living room and hall? _____

14) What will the carpet for bedroom #1 cost? _____

15) What will the carpe for bedroom #2 cost? _____

16) What will the carpet for bedroom #3 cost? _____

17) What will the floor covering for the bathroom cost? _____

19) The floor covering for the kitchen will cost how much? _____

19) The Frumps are painting all of the ceilings in the house white with paint that costs \$16.95 per gallon and covers 350 square feet per gallon. How much will the ceiling paint cost? _____

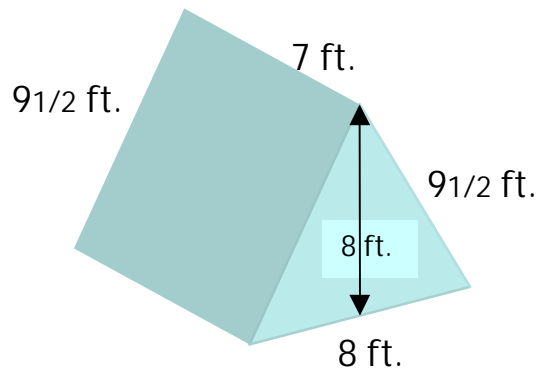
20) Freda wanted to paint the walls in the living room pink. Fred pointed out that it would clash with the bright red carpet so they decided on green paint. Now it looks like Christmas in their living room all year long. The walls are all 8 feet tall. They plan to use the same paint for the living room and hall. If the green paint covers 300 square feet per gallon, how many gallons should they buy? _____ What will it cost at \$18.00 per gal.? _____

21) What did it cost to have the house built? _____

22)

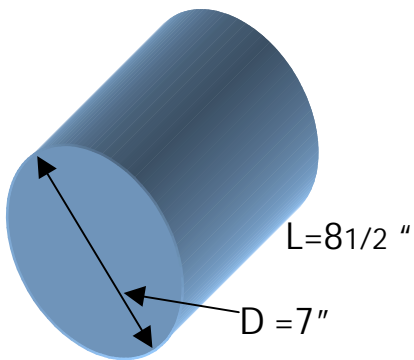
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Bottom area _____
Left side area _____
Right side area _____
Front area _____
Back area _____
Total area _____



23)

Find the surface area.



Area of the front end = _____
Area of the back end = _____
The circumference = _____
Area of the side = _____
Total surface area of the cylinder = _____