

Chapter 12 Test

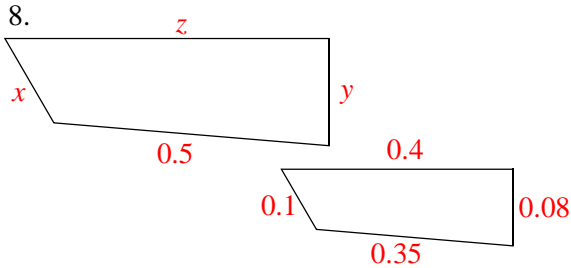
Convert. (12.1)

- | | | |
|--------------------------------|-------------------------|---------------------------|
| 1. 5000 meters to centimeters | 3. 750 feet to yards | 5. 75 milligrams to grams |
| 2. 0.575 liters to milliliters | 4. 1600 grams to pounds | 6. 550 pints to gallons |

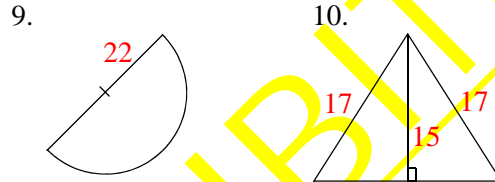
Solve. (12.1)

7. A pallet that weighs 40 pounds is carrying 84 cases that weigh 25 pounds each. What is the total weight in tons of the boxes and the pallet?

Figures are similar. Find x, y and z . (12.2)



Find the perimeter. (12.3)



Solve. (12.3)

11. Jim is installing rain gutters around a construction trailer. If the perimeter of the trailer is 150 feet and the trailer is four times as long as it is wide, what are the width and length of the trailer?
12. Yasmin bought 26-feet of lace trim to sew around a circular tablecloth. If the cloth is 8 feet in diameter, did she buy enough lace trim?

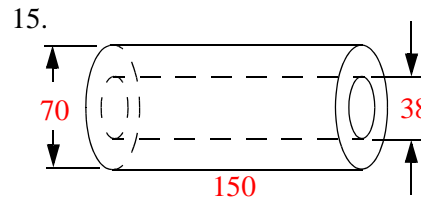
Solve. (12.4)

13. The pyramid at a theme park has a volume of 16,000 cubic feet. If the pyramid is made from a base that measures 40 feet by 40 feet, find the height of the pyramid.

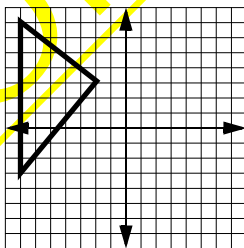
Find the dark area outside the circles. (12.4)



Find volume of solid portion of pipe. (12.5)

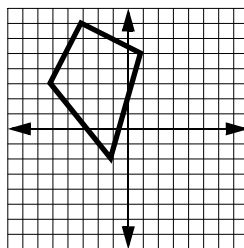


16. **Find the coordinates of the reflection. (12.6)**



With respect to the y -axis.

17. **Find the coordinates of the translation. (12.6)**



Six units to the right and two units down.

Find the number of lines of symmetry. (12.6)

