

Measurement 100% Quiz Math 10

Name _____

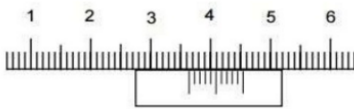
| | | |
|---|--|---|
| 1. Convert 100 inches into feet and inches | Convert 320 inches into feet and inches | Convert 205 inches into feet and inches |
| 2. I am making a flower bed for my front lawn and need to buy the material in 8 ft lengths, how many boards would I need to purchase for a flower bed that is 200 inches by 150 inches? | I am making a flower bed for my front lawn and need to buy the material in 6 ft lengths, how many boards would I need to purchase for a flower bed that is 500 inches by 250 inches? | I am making a flower bed for my front lawn and need to buy the material in 11 ft lengths, how many boards would I need to purchase for a flower bed that is 300 inches by 100 inches? |
| 3. Convert 123456 ft into miles | Convert 135490 cm into meters | Convert 25 yds into inches |
| 4. A circular carpet has an area of 113.10 m^2 . What is the radius in cm? | A square flower bed has an area of 1225 ft^2 . What is the side length in inches? | A circle on the end of a telescope has an area of 28.27 cm^2 . What is the length of the radius in inches? |

5. 42 ounces is how many grams?

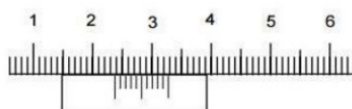
1275 grams is how many pounds?

4.25 meters is how many inches?

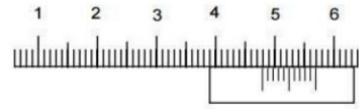
6. What does this vernier caliper read as?



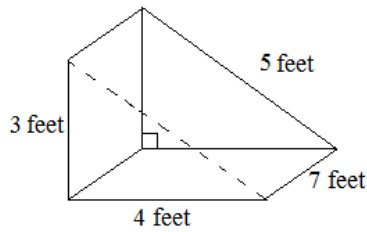
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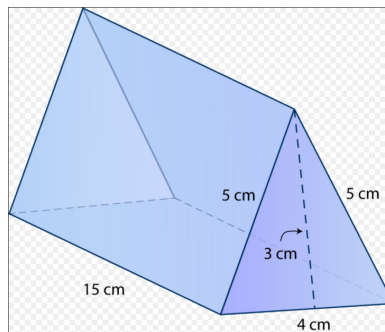
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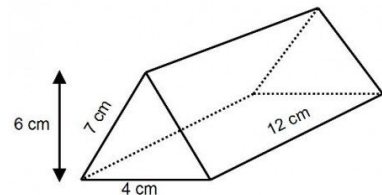
7. Find the surface area:



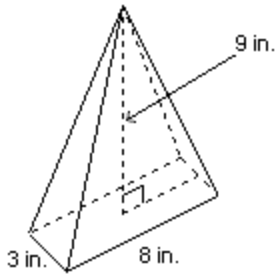
Find the surface area:



Find the surface area:



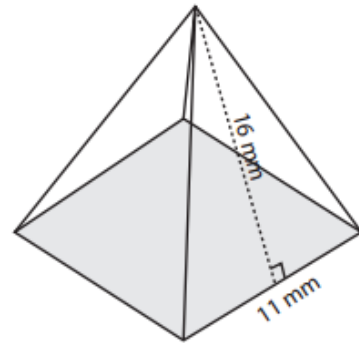
8. Find the surface area and volume of the following:



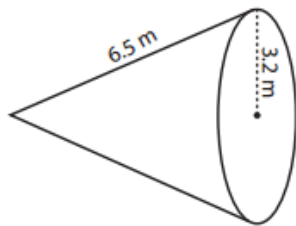
Find the surface area and volume of the following square based pyramid:



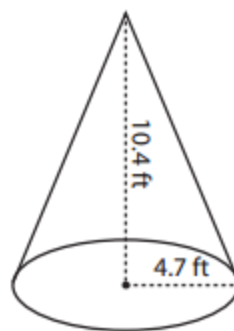
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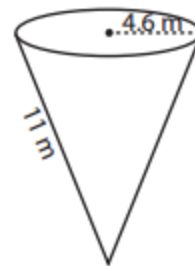
9. Find the surface area and volume of the following:



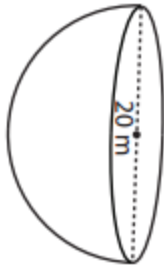
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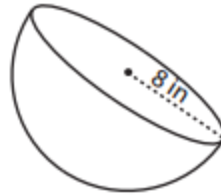
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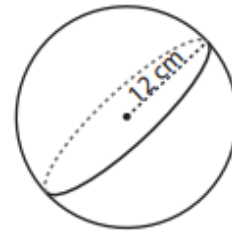
10. Find the surface area and volume of the following:



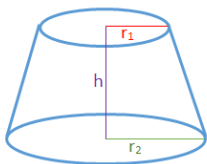
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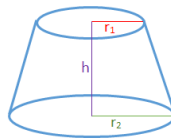
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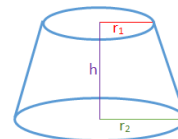
11. A cone has it's top cut of. Find the surface area and volume of the cone if the bottom circle has a radius of 6cm and the top circle has a radius of 3cm and the distance from the top to the bottom is 5cm



A cone has it's top cut of. Find the surface area and volume of the cone if the bottom circle has a radius of 5cm and the top circle has a radius of 2cm and the distance from the top to the bottom is 6cm



A cone has it's top cut of. Find the surface area and volume of the cone if the bottom circle has a radius of 10cm and the top circle has a radius of 3cm and the distance from the top to the bottom is 7cm



12. Find the height of a cylinder if it's volume is 6000 cm^3 and it's radius is 5cm

Find the radius of a sphere if it's volume is 904 cm^3

Find the height of a cone if the radius is 5 cm and the surface area is 650 cm^2