

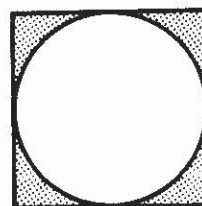
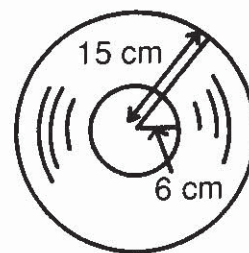


How Do You Get a One-Armed Monkey Down From a Coconut Tree?

Solve each problem. Use 3.14 for π . Find your answer and cross out the letter next to it. When you finish, the answer to the title question will remain.

E	95 in. ²
M	9.2 in.
T	706.5 cm ²
I	8.3 m
R	8.4 in.
E	26 ft
H	1,670 ft ²
T	131 in. ²
O	30 ft
Y	9.6 in.
A	127.2 cm ²
R	2.5 cm
E	28 ft
V	69.5 in. ²
T	21.5 in. ²
I	154 in. ²
A	814.5 cm ²
G	7.8 m
N	593.5 cm ²
I	59 in. ²
W	30.5 in. ²
S	78.5 in. ²
H	1,960 ft ²
T	113.0 cm ²

- Find the diameter of a circle if the circumference is 8 cm. Round to the nearest tenth.
- Find the diameter of a circle if the circumference is 24.5 m. Round to the nearest tenth.
- The largest living thing on earth is a California sequoia tree named the "General Sherman." The circumference of its trunk is about 82 ft. Find the diameter of the trunk to the nearest whole number.
- A revolving water sprinkler sprays water in all directions to a distance of 25 ft. What area does it cover? Round to the nearest 10 ft².
- Pizza Mind Pizza sells a large pizza with a diameter of 14 in. and a medium pizza with a diameter of 11 in. Find the following to the nearest whole number:
 - The area of the large pizza.
 - The area of the medium pizza.
 - How much larger is the large pizza?
- Nick Claus plans to have a model train running in a circle around his holiday tree. How many feet of track will he need if the diameter of the circle is 9.5 ft? Round to the nearest whole number.
- A record has a radius of 15 cm. The label has a radius of 6 cm. Find the following to the nearest tenth:
 - The area of the record (including the label).
 - The area of the label.
 - The area of the record that is not covered by the label.
- The diameter of a basketball hoop is 18 in. The circumference of a basketball is 30 in.
 - Find the diameter of the basketball. Round to the nearest tenth.
 - How much less is the diameter of the basketball than the diameter of the hoop?
- A circle is cut out of a piece of plywood that is 10 in. square. The scraps are thrown away.
 - Find the area of the circle.
 - How many square inches of plywood are thrown away?



10 in.