Math Practice - Grade 7

M8 Geometry: circles, angles, area and volume - Circumference and area of a circle

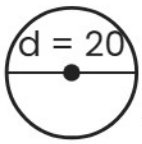
M8 7.G.4, 7.G.5, 7.G.6

Name: _____ Date: _____

Find the circumference or the area. Write the answer in the box.

Example: Find the area of the circle. The diameter is 20. Use pi = 3.14.

How: Circumference is 2 times pi times r, and area is pi times r squared. The diameter is twice the radius, so halve it before you use it as r.



Area 314

Use pi = 3.14

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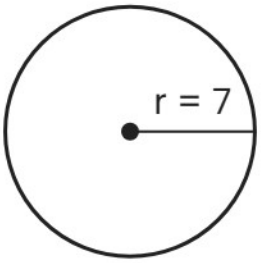
1 **Find the area of the circle. The radius is 7. Use pi = 22/7.**



Area

Use pi = 22/7

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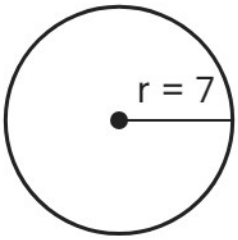
2 **Find the circumference of the circle. The radius is 7. Use pi = 22/7.**



Circumference

Use pi = 22/7

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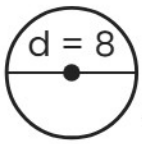
Name: _____ Date: _____

Find the circumference or the area. Write the answer in the box.

Example: Find the area of the circle. The diameter is 8. Use pi = 3.14.

How: Circumference is 2 times pi times r, and area is pi times r squared. The diameter is twice the radius, so halve it before you use it as r.



Area 50.24

Use pi = 3.14

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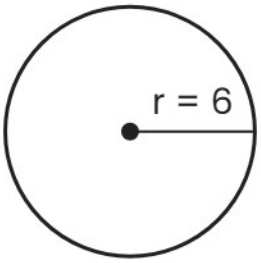
1 **Find the area of the circle. The radius is 6. Use pi = 3.14.**



Area

Use pi = 3.14

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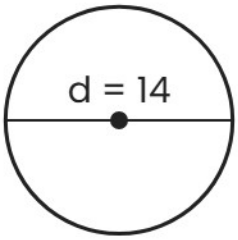
2 **Find the circumference of the circle. The diameter is 14. Use pi = 22/7.**



Circumference

Use pi = 22/7

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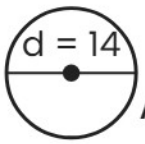
Name: _____ Date: _____

Find the circumference or the area. Write the answer in the box.

Example: Find the area of the circle. The diameter is 14. Use pi = 3.14.

How: Circumference is 2 times pi times r, and area is pi times r squared. The diameter is twice the radius, so halve it before you use it as r.



Area 153.86

Use pi = 3.14

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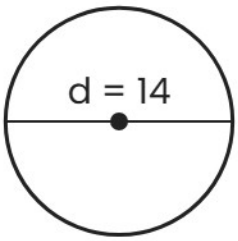
1 **Find the circumference of the circle. The diameter is 14. Use pi = 22/7.**



Circumference ☐

Use pi = 22/7

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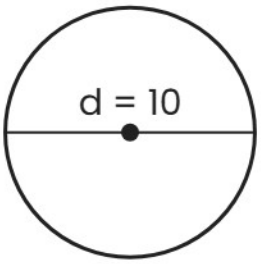
2 **Find the area of the circle. The diameter is 10. Use pi = 3.14.**



Area ☐

Use pi = 3.14