Math Practice - Grade 7

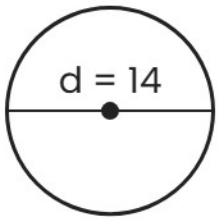
M8 Geometry: circles, angles, area and volume

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

Name: _____ Date: _____

Find the circumference and the area of the circle. Find the unknown angle. Find the area and the volume of the composite figure.

1 **Find the area of the circle. The diameter is 14. Use pi = 3.14.**



Area ☐

Use pi = 3.14

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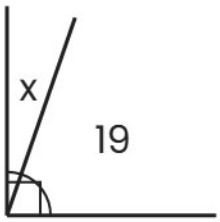
2 **Find the unknown angle x.**



x = ☐

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3 **Find the area of the shape.**



Area ☐

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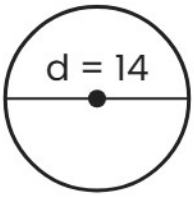
Find the circumference and the area of the circle. Find the unknown angle. Find the area and the volume of the composite figure.

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



Circumference ☐

Use pi = 22/7

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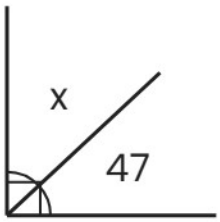
2 Find the unknown angle x.



x = ☐

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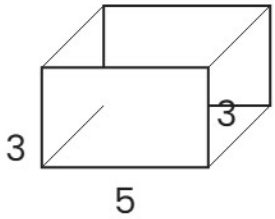
3 Find the surface area of the prism.



Surface area ☐

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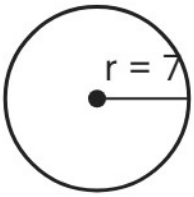
Name: _____ Date: _____

Find the circumference and the area of the circle. Find the unknown angle. Find the area and the volume of the composite figure.

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



Circumference ☐

Use pi = 22/7

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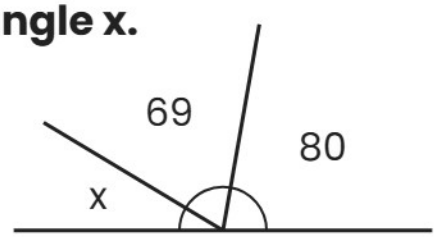
2 Find the unknown angle x.



x = ☐

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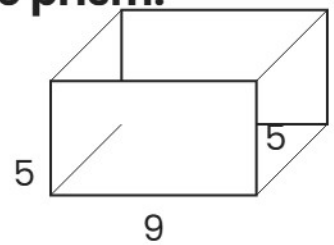
3 Find the volume of the prism.



Volume ☐