MasterMath

Geometry

PERIMETER AND AREA OF COMPOSITE FIGURES

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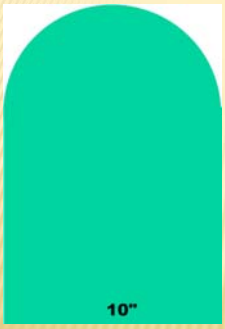

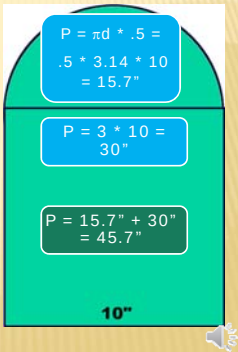

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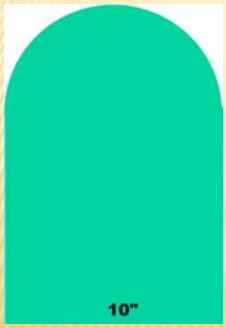
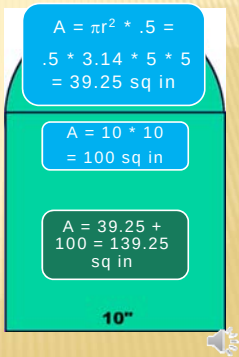


$A = \pi r^2 * .5 =$
$.5 * 3.14 * 5 * 5$
$= 39.25$ sq in

$A = 10 * 10$
$= 100$ sq in

$A = 39.25 + 100 = 139.25$ sq in



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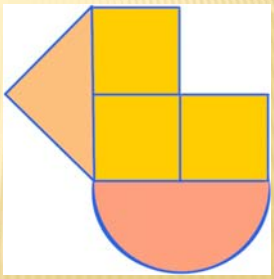
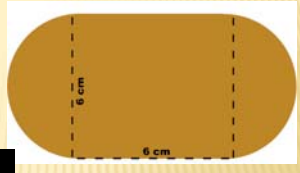


PERIMETER AND AREA OF COMPOSITE FIGURES

Find the area of this figure



You Try It

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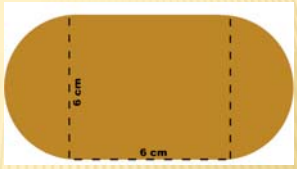
Find the area of this figure



Area of Circle = πr^2= 3.14 * 3 * 3 = 28.26 sq cm

Area of Square = 6 * 6 = 36 sq cm

Total Area = 28.26 + 36 = 64.26 sq cm

You Try It!

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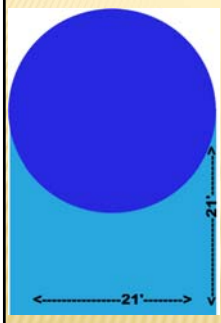

What is the perimeter of this figure?

You Try It!

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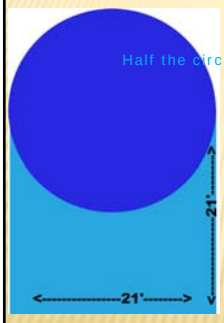

What is the perimeter of this figure?

Half the circumference of circle = .5 * 3.14 * 21 = 32.97'

3 sides of the square = 21 + 21 + 21 = 63'

Total Perimeter = 32.97 + 63 = 95.97'

You Try It!

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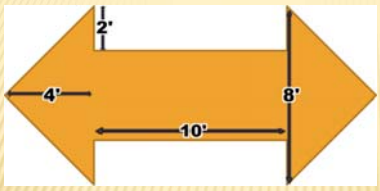

Find the area of this figure

You Try It!

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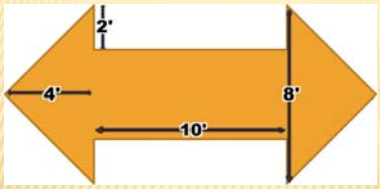

Area of each of two triangles = 1/2bh = .5 * 8 * 4 = 16 sq ft

Area of rectangle = 10 * (8 – 2 – 2) = 10 * 4 = 40 sq ft

Area of composite = 16 + 16 + 40 = 72 sq ft

You Try It!

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Perimeter and Area of Composite Figures

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