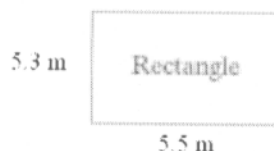


Student: _____
Date: _____
Time: _____

Instructor: courtney trabue
Course: GMC LSS Mathematics
Book: Martin-Gay: Developmental
Mathematics

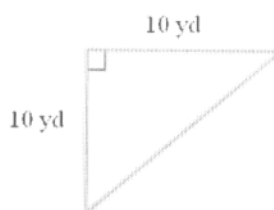
Assignment: MAT 097 Area (6.4)

1. Find the area of the geometric figure.



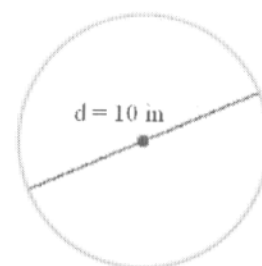
The area of the geometric figure is sq m. (Type a decimal.)

2. Find the area of the geometric figure.



The area of the geometric figure is sq yd.

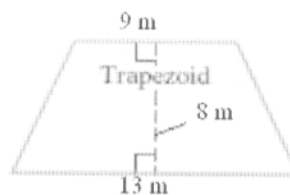
3. Find the area of the geometric figure. Give an exact area and then use 3.14 as an approximation for π to approximate the area.



The exact area of the geometric figure is sq in.
(Type a decimal in terms of π .)

The approximate area of the geometric figure is sq in.
(Type a decimal and round to three decimal places.)

4. Find the area of the geometric figure.



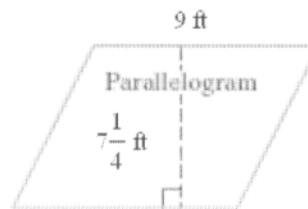
The area of the geometric figure is sq m.

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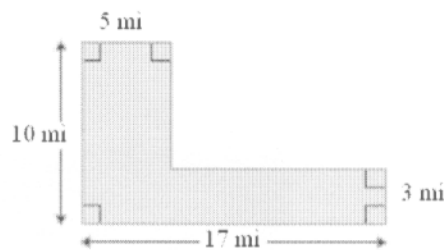
Assignment: MAT 097 Area (6.4)

5. Find the area of the geometric figure.



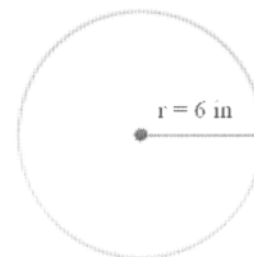
The area of the geometric figure is sq ft.
(Type an integer or mixed number.)

6. Find the area of the geometric figure.



The area of the geometric figure is sq mi.

7. Find the area of the geometric figure. Give an exact area and then use $\frac{22}{7}$ as an approximation for π to approximate the area.



The exact area of the geometric figure is sq in.
(Type an exact answer in terms of π .)

The approximate area of the geometric figure is sq in.
(Type an integer or simplified fraction.)

8. A picture frame measures 14 inches by $18\frac{1}{2}$ inches. Find how many square inches of glass the frame requires.

The frame requires square inches of glass.
(Simplify your answer.)

Student: _____
Date: _____
Time: _____

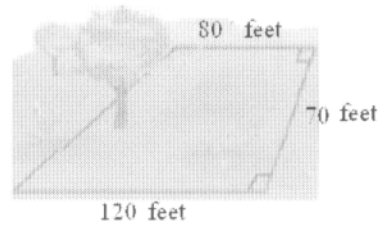
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Assignment: MAT 097 Area (6.4)

9. A drapery panel measures 6 ft by 7 ft. Find how many square feet of material are needed for six

The material needed for six panels is sq ft.

10. Find how many square feet of land are in the plot shown on the right.



Area = square feet
(Simplify your answer.)