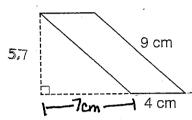
SECTION Ready To Go On? Quiz

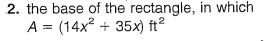
9-1 Developing Formulas for Triangles and Quadrilaterals Find each measurement.

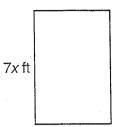
1. the area of the parallelogram



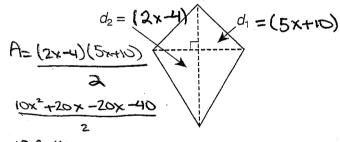
A=5.7× 4 $A = 22.8 \text{ cm}^2$

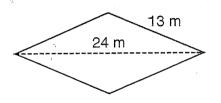
3. the area of the Kite





4. the area of the rhombus

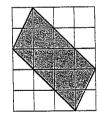




 $A = 5x^2 - 20$

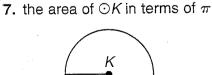
A = 120m2

5. Part of a stained glass window is shown at the right. Each square in the grid is 1 in. long. Find the perimeter and area of the dark gray parallelogram. $P = (\omega \sqrt{2} + 2\sqrt{5})$ in

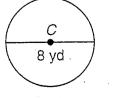


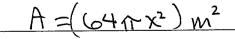
9-2 Developing Formulas for Circles and Regular Polygons Find each measurement. Round to the nearest tenth.

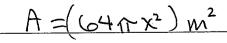
6. the circumference of $\odot C$ in terms of π



8x m







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Name			

SECTION Ready To Go On? Quiz continued

Find the area of each regular polygon. Round to the nearest tenth.

- 8. a regular hexagon with side length 8 cm
- 9. a regular pentagon with apothem 10 m

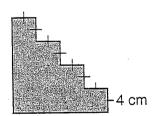
A= 96 V3 cm2

A=363.3 m

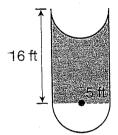
9-3 Composite Figures

Find the shaded area. Round to the nearest tenth, if necessary.

10.



11.

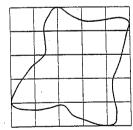


= 160 cm2

A= 40.7 A=

12. Joel is fertilizing an irregularly shaped garden, as shown. The grid has squares with side lengths of 1 m. Estimate the area of the garden. Given that fertilizer cost \$2.99 per square meter, find the cost of the fertilizer.

Fertiliter cost = \$43,35



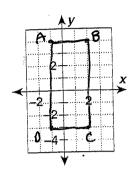
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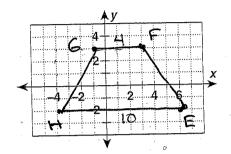
SECTION Ready To Go On? Quiz

9-4 Perimeter and Area in the Coordinate Plane Draw and classify the polygon with the given vertices. Find the

perimeter and area of the polygon.

1.
$$A(-1, 4)$$
, $B(2, 4)$, $C(2, -3)$, $D(-1, -3)$



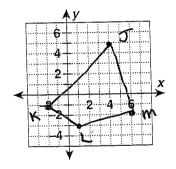


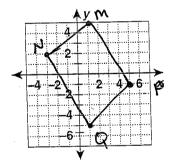
<u>rectangle</u> A=2142 P=204

ISOSCHUS Trappedid A=35 42 P=14+2184

Find the area of each polygon with the given vertices.

4.
$$N(-3, 2)$$
, $M(1, 5)$, $P(5, -1)$, $Q(1, -5)$

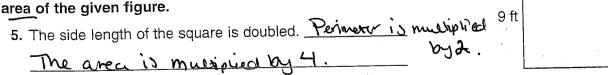


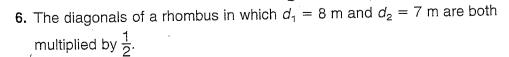


 $A = 33.5 u^2$

A=40 u2

9-5 Effects of Changing Dimensions Proportionally Describe the effect of each change on the perimeter and





The Ferimener is much pied by 1/2. Area is multiplied by 1/4.

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Ready To Go On? Quiz continued	·
The base and height of the rectangle are both tripled.	14 in.
Perinder is musiphied by 3.	6 in.
Area is multiplied by 9.	
The base and the height of a right triangle with base 12 cm	-
and height 18 cm are multiplied by $\frac{1}{3}$.	
Perimeter is muliphed by 1/3. Area is multi	10 and 10 10
-	
A square has vertices $(-4, -1)$, $(1, -1)$, $(1, 4)$, and $(-4, 4)$. If y	you muluply the
area by 9, what happens to the side length?	*
The side length is multiplied by 3.	•
photographer sells a larger picture that is three times the length the width of the wallet-sized picture. How much does the larger	r picture cost?
	:
4 Geometric Probability	•
se the spinner to find the probability of each event.	
. the pointer landing in the gray or white region $\frac{23}{36}$	40° \ 105°
11	105°
the pointer landing in the striped region	105
and pointer factoring in the composition	125°l
810	105
	105
810	105
3. the pointer not landing in the dotted region	125° 90°/ h commercial is
 the pointer not landing in the dotted region	125° 90°/ h commercial is
 the pointer not landing in the dotted region	125° 90°/ h commercial is