Chapter 11 test REVIEW

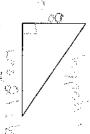
THIS IS DUE THE DAY OF THE TEST FOR POINTS

Find the area and perimeter of the shaded triangle shown below.

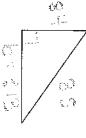
Round to the nearest tenth 750 25 mm is mm 10 mm

112 mm

A right triangle has legs of lengths 8 feet and 21 ft. What is the area of the right triangle?



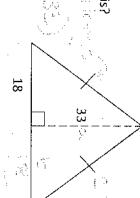
A right triangle has a leg that measures 84 inches and a hypotenuse that measures 85 inches. What is the area of the triangle?



The base of a triangle is 5 times its height. If the area of a triangle is 72 square inches, find its height.

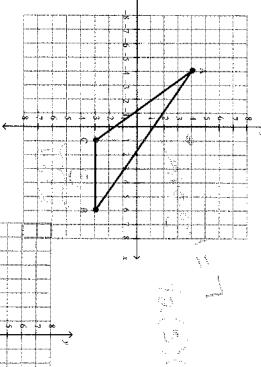
ĊΛ Find the area and perimeter of the triangle shown below Round to the nearest tenth.

How can you tell? [50.5] 15.5

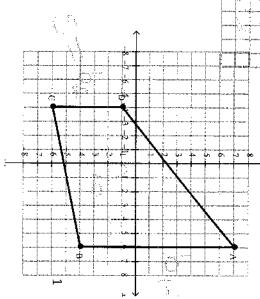


6. Find the area of triangle ABC shown below.

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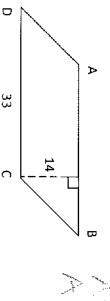


7. Find the area of trapezoid ABCD shown at the right.

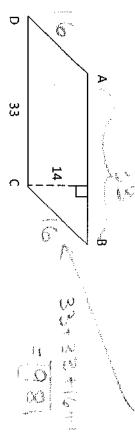


Geometry Chapter 11 test REVIEW

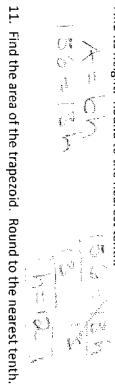
8. Find the area of the parallelogram ABCD

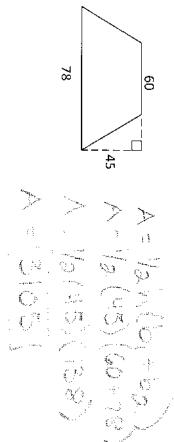


9. Find the perimeter of the parallelogram ABCD, if the length of BC = 16



Find its height. Round to the nearest tenth. The area of a parallelogram is 156 square feet and its base is 13 feet





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square feet. What is the length of the altitude of the trapezoid? 12. A trapezoid has base lengths of 6 and 29 feet, with an area of 122.5

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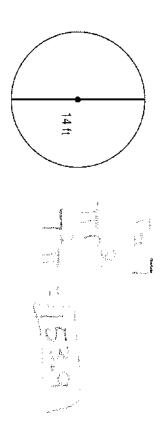
13. Find the area of the kite. Round to the nearest tenth.

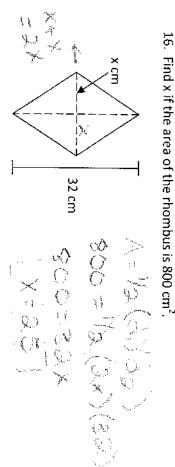


is 21 units. Find the length of the other diagonal. 14. A rhombus has an area of 378 square units. If the length of one diagonal

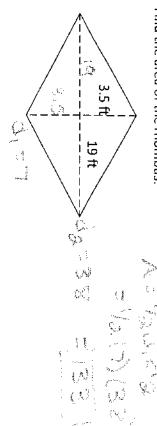


15. Find the area of the circle. Round to the nearest tenth.





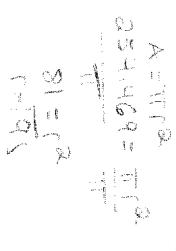
17. Find the area of the rhombus



the nearest tenth 18. Find the area of a circle with a circumference of 60π units. Round to

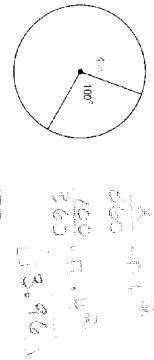


radius? Round to the nearest whole number.

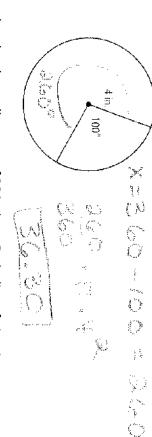


20. What is the area of the shaded sector? Round to the nearest hundredth.

Name_.



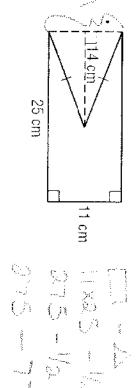
hundredth. 21. What is the area of the non-shaded sector? Round to the nearest



Round to the nearest hundredth central angle of 30°. What is the area of each slice of pizza? 22. A circular pizza has a diameter of 20 inches. Each slice of pizza has a

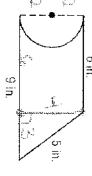
42-		23.	
	7 in.	$\mathcal{F} = \mathcal{F}_{\mathcal{F}_{\mathcal{F}_{\mathcal{F}_{\mathcal{F}}}}}$ 23. Find the area of the figure. Round to the nearest tenth	5 0 5 0
	Andreas Andrea	are. Round to the n	
	(m)	earest tenth.	
			*

24. Find the area of the figure. Round to the nearest tenth.

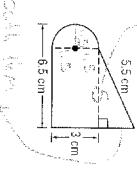


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25. Find the area of the figure. Round to the nearest tenth



26. Find the area of the figure. Round to the nearest tenth.



Scrambled Answers

5,4	546	24.3	594	111.2	133	198
80	84	36.30	, ,	7.2	108	13.96
2827.4	26.18	3105	12	23.7	.98	462
26.3	25	153.9	ွဲ့သွ	58.6	.17.5	. 7

answer extra credit problems The tests is 25 multiple choice questions and 3 short

Formulas you should have memorized for the test: Area of a:

Triangle $A = \frac{1}{2}bh$

Parallelogram A = bh

Rhombus or Kite $A = \frac{1}{2}d_1d_2$ Trapezoid $A = \frac{1}{2}h(b_1 + b_2)$

Circle $A = \pi r^2$

Area of a sector $A = \frac{x}{360} \pi r^2$ (This one is on the test.) Circumference of a circle $C = 2\pi r$ or πd