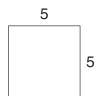
Puzzles, Twisters & Teasers

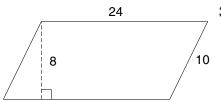
10-1 What's Furry?

Find the area of each figure below. Then find the letter matching the answer in the Answer Box. To solve the riddle, match the letter of the correct answer to the number of the problem.

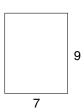
1.



2.



3.



Area =
$$_$$
 units²

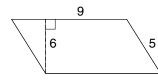
Area =
$$_$$
 units²

Area =
$$_$$
 units²

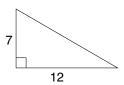
4.



5.



6.

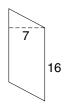


$$Area = units^2$$

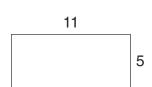
$$Area = units^2$$

Area =
$$units^2$$

7.



8.



9.



Area =
$$_$$
 units²

$$Area = units^2$$

$$Area = units^2$$

Answer Box							
A = 112	D = 26	H = 42	K = 64	N = 55	R = 15		
B = 28	E = 46	I = 63	L = 110	O = 54	T = 26		
C = 25	G = 30	J = 240	M = 192	P = 36	W = 72		

What do you call a monkey that sells potato chips?

7

1

6

3

4

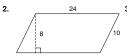
8

_

Puzzles, Twisters & Teasers 10-11 What's Furry? Find the area of each figure below. Then find the letter

matching the answer in the Answer Box. To solve the riddle, match the letter of the correct answer to the number of the problem.







Area = 25 units²







Area = 36 units²

7.



5



Area =
$$55$$
 units²

Answer Box								
A = 112	D = 26	H = 42	K = 64	N = 55	R = 15			
B = 28	E = 46	I = 63	L = 110	O = 54	T = 26			
C = 25	G = 30	J = 240	M = 192	P = 36	W = 72			

What do you call a monkey that sells potato chips?

A	C	<u>H</u>		<u>P</u>	M	0	N	K
7	1	6	3	4	2	5	8	9

Copyright © by Holt, Rinehart and Winston 11 **Holt Mathematics**

LESSON Practice A

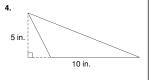
10-2 Area of Triangles and Trapezoids

Complete. Write triangle or trapezoid.

- The area of a <u>triangle</u> is half the product of its base and its height.
- 2. The area of a <u>trapezoid</u> is the product of half its height and the sum of its bases.

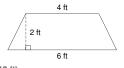
Find the area of each triangle.

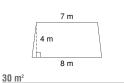




25 in²

Find the area of each trapezoid.





10 ft²

7. Andrew is making a triangular jewelry box. What is the area of the top of the box?



10.2 Area of Triangles and Trapezoids



Copyright © by Holt, Rinehart and Winston All rights reserved.

Practice C

Find the area of each triangle.

Holt Mathematics

LESSON Practice B

10-2 Area of Triangles and Trapezoids

Find the area of each triangle.

3.

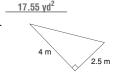
1.5 cm²



50 yd2



5 m²

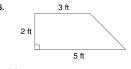


12



Find the area of each trapezoid.

3 cm



6.

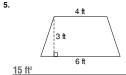
14 in²

4.

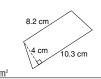


4 in.

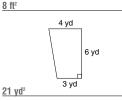
Find the area of each trapezoid.

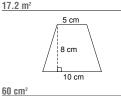


6.

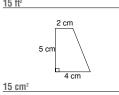


7.

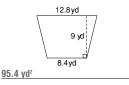




Holt Mathematics



37 cm²



9. The front part of a tent is 8 feet long and 5 feet tall. What is the area of the front part of the tent?

20 ft²



9. A kite is formed by two congruent triangles with 6.2-cm bases and heights of 8.5 cm. What is the area of the entire kite?

52.7 cm² Copyright © by Holt, Rinehart and Winston All rights reserved. 14

Holt Mathematics