

**Thank you for your interest in Area and Perimeter of Polygons – Word Problems - Standard & Metric Version. This working SAMPLE includes 16 of the 20 task cards but not the activity portion. Please scroll down to read a description and learn more about how the resource can be used.**

**The full version of this Task Card Activity comes in two versions:**

- 1) **Standard and Metric - <http://www.teacherspayteachers.com/Product/Area-and-Perimeter-of-Polygons-Word-Problems-Task-Card-REVIEW-GAME-1225368>**
- 2) **Metric Only - <http://www.teacherspayteachers.com/Product/Area-and-Perimeter-of-Polygons-Word-Problem-Task-Card-REVIEW-GAME-METRIC-VERSION-1225475>**

**To preview the full version as well as view my other Task Card Activities please visit the Task Cards Custom Category in my store.**

**<http://www.teacherspayteachers.com/Store/Teach-With-Fergy/Category/Task-Cards>**

## **Area and Perimeter of Polygons: Word Problems Task Card Review Activity – Metric & Standard Units**

- This 20 Task Card Resource is unique. It can be utilized in a clue gathering, puzzle solving, highly active and engaging activity or as an alternative to worksheet review.

- Involves solving Word Problems to determine the Area and Perimeter of various Polygons



Tom wants to buy a pool table that measures 3 foot by 7 foot. The cost of the table is \$14.50 per square foot. How much will it cost Tom to buy the pool table he wants?



Find the area of the trapezoid.



John got a new computer for his birthday. The length of the computer screen is 24 inches and the width is 14 inches. Find the area of the computer screen.

### **Task Card Review - Included**

- For typical review, you can distribute the Task Cards to your class for individual, group or whole class review
- Task cards can also be easily and effectively incorporated into math workshops
- The task cards can be projected on the board for whole class review
- The task cards work well as cue cards, test review, etc.
- A student worksheet as well as a teacher answer key are provided

### **Task Card Review Game – Included in the full version**

#### **Instructions**

- Students get into groups of 2
- Place task cards around the room randomly (i.e. # 1 shouldn't be near #2)
- Assign each group a task card number as a starting point. Once they have completed that card, they move onto the next in numerical sequence.
- Students disperse, find their questions and answer them on a separate piece of paper (a student answer key is included).
- The challenge of the game is to have your students match their answer with the corresponding word on the Word Chart (displayed around the room).
- On an overhead projector, have all the answers and their corresponding words listed

**(See Task Card Review Game Word Chart)**

### **Example - Task Card Review Game Word Chart**

<b>Answer</b>	<b>Word</b>	<b>Answer</b>	<b>Word</b>
3	Hello	45	World
19	here	14	I'm

- Once they have completed each task card and put their words in the correct order (Word from Question 1, Word from Question 2, etc.) they will create a quote

i.e. the answer to #1 is 3 and its word is Hello, #2 is 45 = World, #3 is 14 = I'm, #4 is 19 = here

Your students would put the words together and get "Hello World I'm here"

- The group then brings their quote to the teacher who checks for correctness

## Student Answer Sheet

Answer	Word	Answer	Word
1 -		11 -	
2 -		12 -	
3 -		13 -	
4 -		14 -	
5 -		15 -	
6 -		16 -	
7 -		17 -	
8 -		18 -	
9 -		19 -	
10 -		20 -	

## Teacher Answer Key

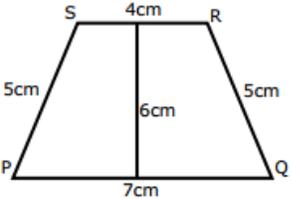
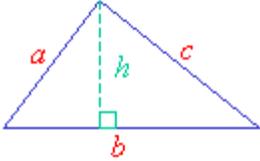
When playing the Task Card Review Game, the goal for the students is to match their answers with certain words they can find on the Word Chart. This makes it similar to a scavenger hunt. The quote that should be completed once all the Task Card Sets are complete is –

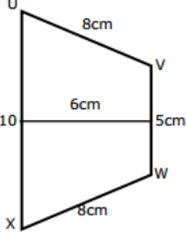
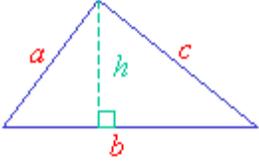
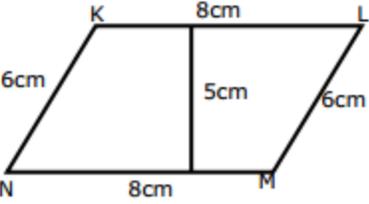
**“DO NOT GO WHERE THE PATH MAY LEAD. GO INSTEAD WHERE THERE IS NO PATH AND LEAVE A TRAIL - EMERSON**

1: $336 \text{ in}^2$	11: $217.26 \text{ ft}^2$
2: \$304.50	12: \$2.68
3: $33 \text{ cm}^2$	13: 7 units
4: 16 ft	14: 47 in
5: 8 in	15: \$5,045.25
6: 5	16: 28 cm
7: $6 \text{ units}^2$	17:
8: $3,950 \text{ ft}^2$	18:
9: \$210,000	19:
10: $31 \text{ cm}^2$	20:

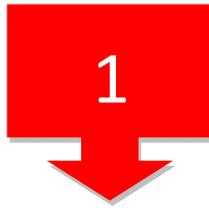
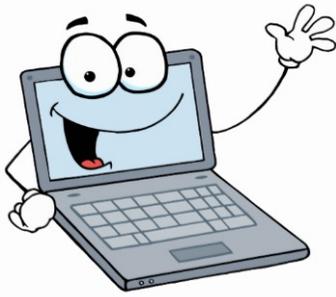


## Complete Task Card List – For Teacher Reference

Question	Answer	Word
1. John got a new computer for his birthday. The length of the computer screen is 24 inches and the width is 14 inches. Find the area of the computer screen.	$336 \text{ in}^2$	
2. Tom wants to buy a pool table that measures 3 foot by 7 foot. The cost of the table is \$14.50 per square foot. How much will it cost Tom to buy the pool table he wants?	$\$304.50$	
3. Find the area of the trapezoid. 	$33 \text{ cm}^2$	
4. The area of Neil's square bedroom is $256 \text{ feet}^2$ . What is the length of any sidewall in his bedroom?	$16 \text{ ft}$	
5. The perimeter of a stop sign (octagon) is 64 inches, what is the length of each equal side?	$8 \text{ in}$	
6. How many sides does a pentagon have?	$5$	
7. If $a = 3$ , $c = 4$ , $b = 6$ and $h = 2$ , what is the area of the triangle? 	$6 \text{ units}^2$	
8. Shawn has an apple grove that is 75 feet X 50 feet. He then purchases a section of land 20 feet X 10 feet. Find the new total area of the farm.	$3,950 \text{ ft}^2$	
9. The local baseball team is building a new stadium that has a replay screen that measures 70 feet high by 120 feet long. The huge screen will cost \$25 per square foot. How much will it cost?	$\$210,000$	

<p>10. Find the perimeter of the trapezoid.</p> 	<p>31 cm</p>	
<p>11. A fire truck is mostly rectangular with a length of 28.4 feet and width of 7.65 feet. What is the area the truck takes up on the road?</p>	<p>217.26 ft<sup>2</sup></p>	
<p>12. John wants to repaint his front door that measures 2.33 m high x 0.89 m wide. Paint costs \$1.29 per square meter, how much will it cost?</p>	<p>\$2.68</p>	
<p>13. If <math>a = 3</math>, <math>c = 5</math> and the perimeter of the triangle = 15, what is the length of <math>b</math>?</p> 	<p>7 units</p>	
<p>14. Susan designs frames. She needs to create a frame for a picture that measures 8.5 x 11 inches. She wants the frame to be 1 inch wide all around. What is the perimeter of the outside of the frame?</p>	<p>43 in</p>	
<p>15. Tina wants to buy a carpet for her family room that measures 20 feet by 30 feet. To make sure there is enough carpet she wants to have the length and width cut 1 foot longer then needed. If the carpet she wants costs \$7.75/square foot, how much will it cost?</p>	<p>\$5,045.25</p>	
<p>16. Find the perimeter of the parallelogram.</p> 	<p>28 cm</p>	
<p>17.</p>		

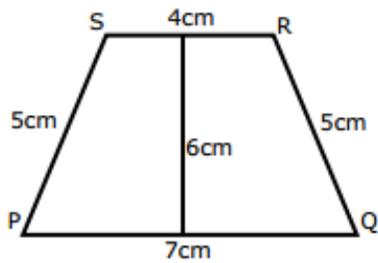
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John got a new computer for his birthday. The length of the computer screen is 24 inches and the width is 14 inches. Find the area of the computer screen.



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Find the area of the trapezoid.

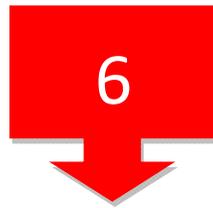


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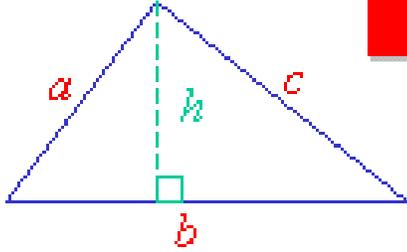
The area of Neil's square bedroom is  $256 \text{ feet}^2$ . What is the length of any sidewall in his bedroom?



The perimeter of a stop sign (octagon) is 64 inches, what is the length of each equal side?

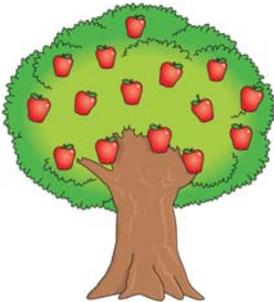


How many sides does a pentagon have?



7

If  $a = 3$ ,  $c = 4$ ,  $b = 6$  and  $h = 2$ ,  
what is the area of the triangle?



8

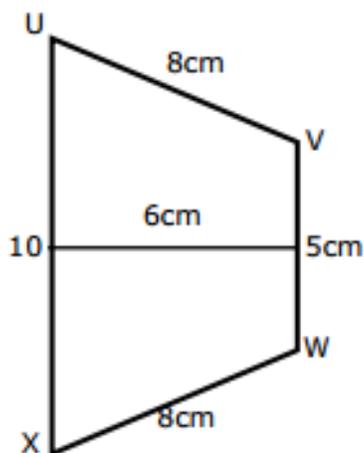
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X 50 feet. He then purchases a section  
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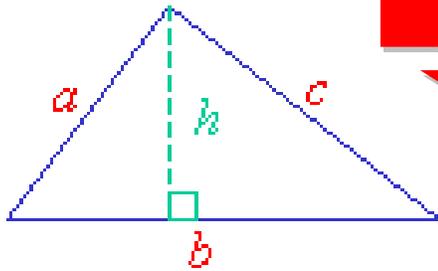
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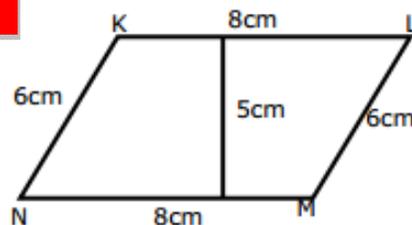
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Find the perimeter of the parallelogram.

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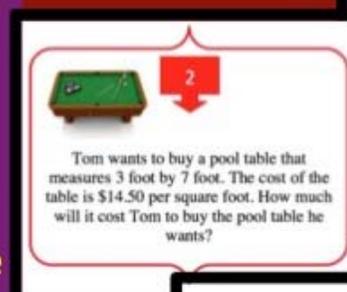
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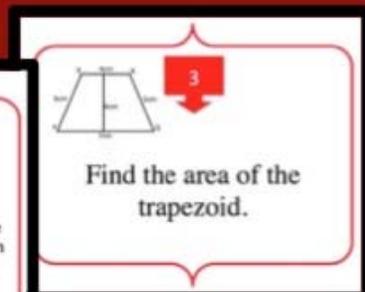
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2



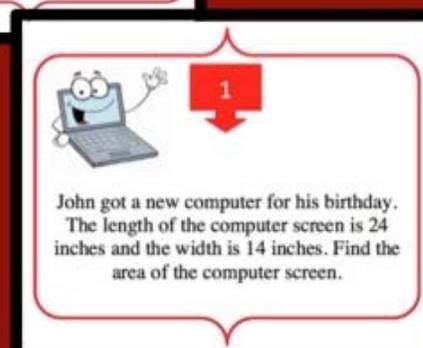
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## Clip Art Credits

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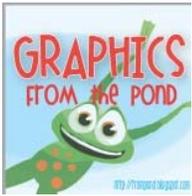
Thank you.

Fergy

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