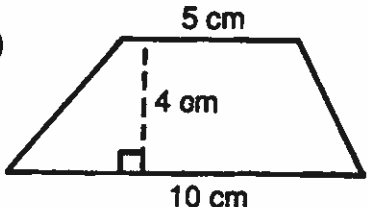


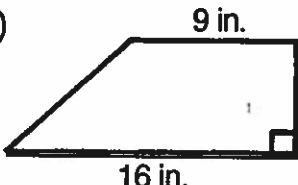
Solve the problems on another piece of paper showing all your work by making boxes.

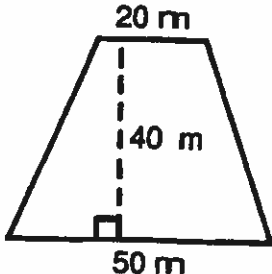
# What Game Did Tarzan Like to Play?

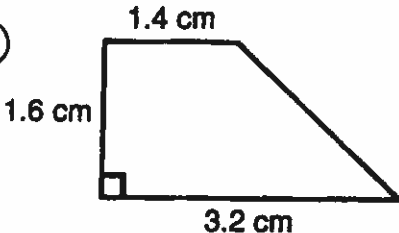
Do each exercise below. Find your answer in the answer columns and notice the letter next to it. Look for this letter in the string of letters near the bottom of the page and CROSS IT OUT each time it appears. When you finish, write the remaining letters in the rectangle at the bottom of the page.

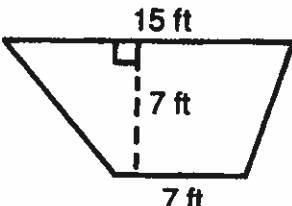
I. Find the area of each trapezoid.

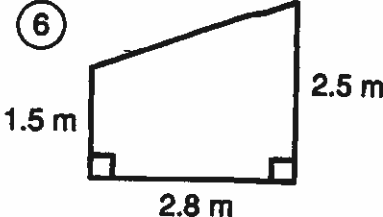
- ① 

② 

③ 

④ 

⑤ 

⑥ 

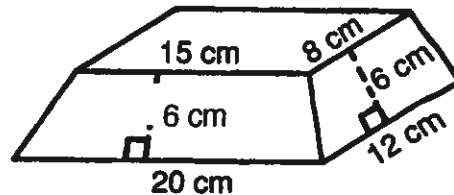
⑦  $b_1 = 11 \text{ in.}$   
 $b_2 = 9 \text{ in.}$   
 $h = 8 \text{ in.}$

⑧  $b_1 = 3.4 \text{ m}$   
 $b_2 = 6.4 \text{ m}$   
 $h = 5.0 \text{ m}$

⑨  $b_1 = 70 \text{ cm}$   
 $b_2 = 30 \text{ cm}$   
 $h = 25 \text{ cm}$

II. An artist designed a base for one of his sculptures with the dimensions shown. The top and bottom are rectangles. The sides are isosceles trapezoids.

- ⑩ Find the area of the front face (20 cm base).  
 ⑪ Find the area of the side face (12 cm base).  
 ⑫ Find the area of the top.



|                        |                       |                       |                         |                        |
|------------------------|-----------------------|-----------------------|-------------------------|------------------------|
| Y 76 in. <sup>2</sup>  | N 105 cm <sup>2</sup> | O 80 in. <sup>2</sup> | D 3.68 cm <sup>2</sup>  | S 3.92 cm <sup>2</sup> |
| L 24.5 m <sup>2</sup>  | B 30 cm <sup>2</sup>  | T 120 cm <sup>2</sup> | Z 1,360 cm <sup>2</sup> | F 5.6 m <sup>2</sup>   |
| A 72 cm <sup>2</sup>   | R 69 ft <sup>2</sup>  | P 26.2 m <sup>2</sup> | M 75 in. <sup>2</sup>   | I 60 cm <sup>2</sup>   |
| U 1,400 m <sup>2</sup> | C 95 cm <sup>2</sup>  | G 77 ft <sup>2</sup>  | H 1,250 cm <sup>2</sup> | E 4.5 m <sup>2</sup>   |

D T B C H O R I N F A M T U O Z D N Y F A L T B P I E G U N S H

Answer to puzzle: