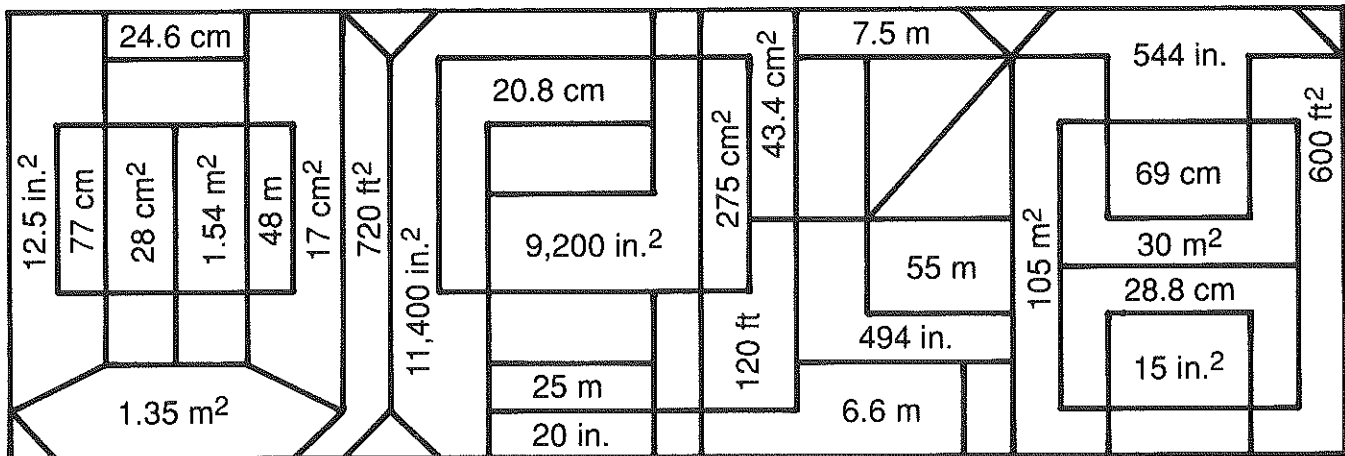
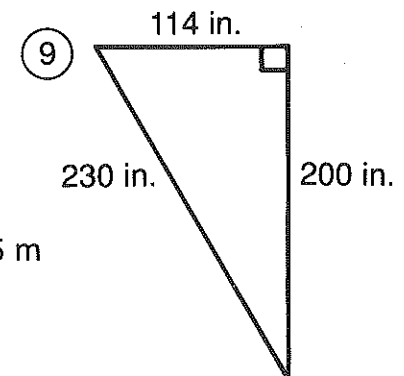
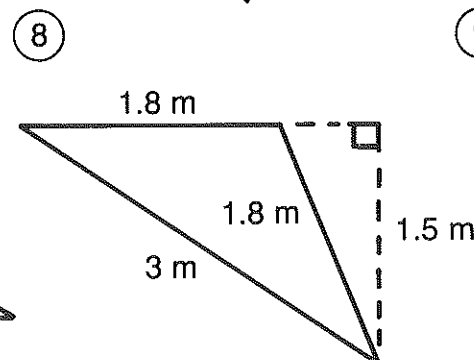
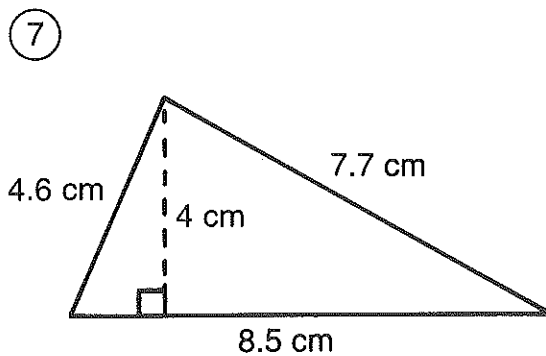
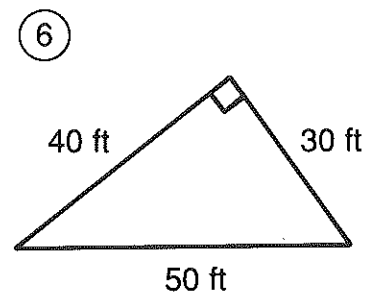
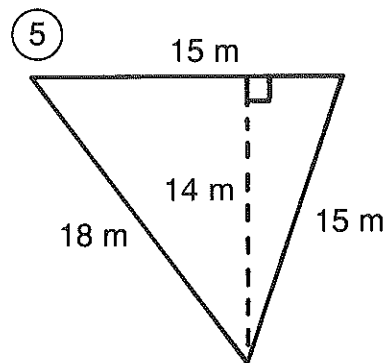
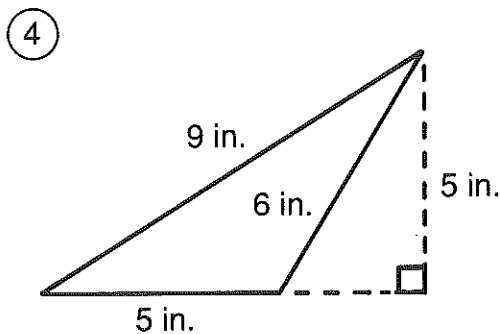
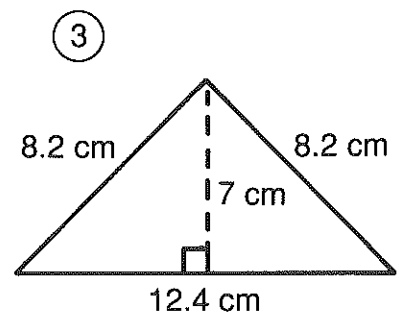
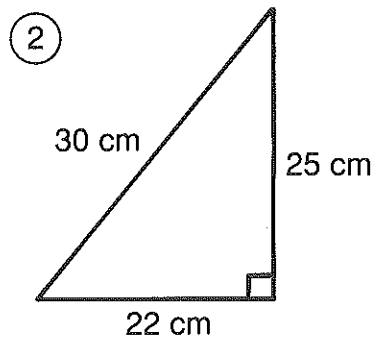
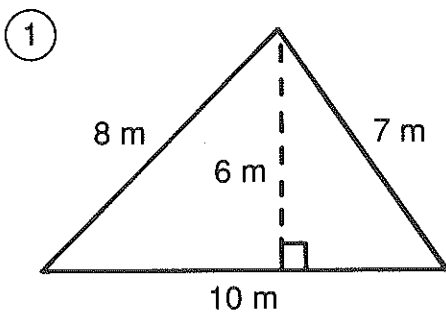


What Happens When the Smog Lifts in Los Angeles, California?



Find the AREA and the PERIMETER of each triangle below. Look for both answers in the rectangle. Shade in each area containing a correct answer.



Answers A – I:

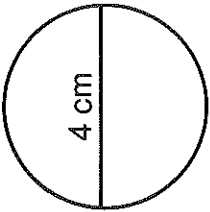
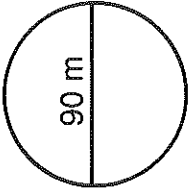
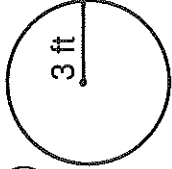
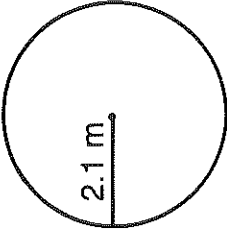
18.84 ft	GUY
71.8 ft	HELPED
1,570 m	BOX
51 ft	HAMBURGER
11,932 cm	A
12.56 cm	THE
44 ft	VEGETABLES
13,188 m	WHO
1,630 m	BIG
282.6 m	SILLY
31.4 cm	OF
62.8 ft	DUMPED
11,542 cm	OFF

Did You Hear About...

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
					?

Find each answer in the appropriate answer column and notice the word under it. Write this word in the box containing the letter of the exercise.

I. Find the circumference of each circle. Use 3.14 for π .

(A)  (B)  (C)  (D) 

(E) $d = 20$ ft (F) $d = 3.8$ cm (G) $r = 250$ m (H) $r = 5$ cm

II. Find the circumference of each circle. Use $\frac{22}{7}$ for π .

(I) $d = 14$ ft (J) $d = 28$ in. (K) $d = 49$ mm (L) $d = 10\frac{1}{2}$ ft

(M) $r = 21$ mm (N) $r = 3\frac{1}{2}$ in. (O) $r = 105$ mm (P) $r = \frac{3}{4}$ in.

III. Solve. Use 3.14 for π .

- (Q) The wheels on a bicycle have a diameter of 27 in. How far does the bicycle travel with each turn of the wheels?
- (R) The minute hand of a large clock is 6 ft long. How far does the point of the hand move in one hour?

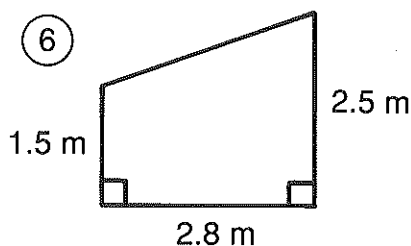
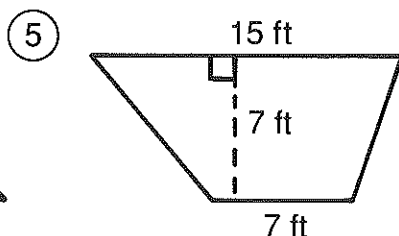
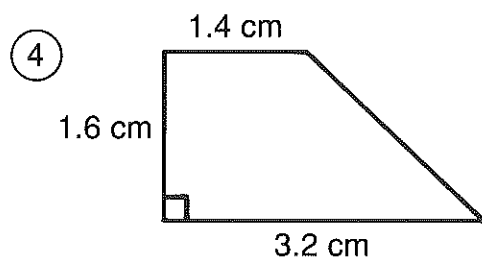
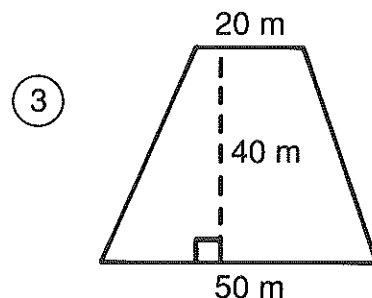
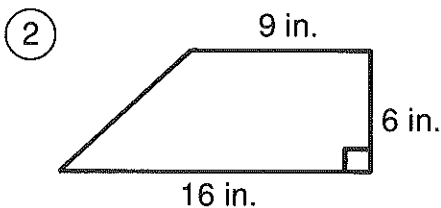
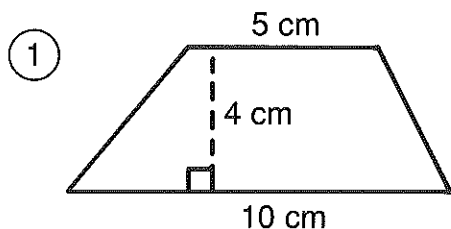
Answers J – R:

$5\frac{2}{7}$ in.	FRESH
22 in.	HE
37.68 ft	EARTH
88 in.	ON
34.5 ft	SUBMARINE
660 mm	WANTED
132 mm	BECAUSE
84.78 in.	ON
154 mm	THE
720 mm	JUMPED
$4\frac{5}{7}$ in.	PEAS
143 mm	TOP
33 ft	GROUND

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.



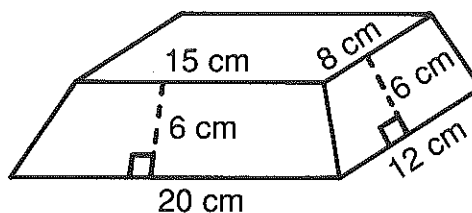
⑦ $b_1 = 11$ in.
 $b_2 = 9$ in.
 $h = 8$ in.

⑧ $b_1 = 3.4$ m
 $b_2 = 6.4$ m
 $h = 5.0$ m

⑨ $b_1 = 70$ cm
 $b_2 = 30$ cm
 $h = 25$ 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.



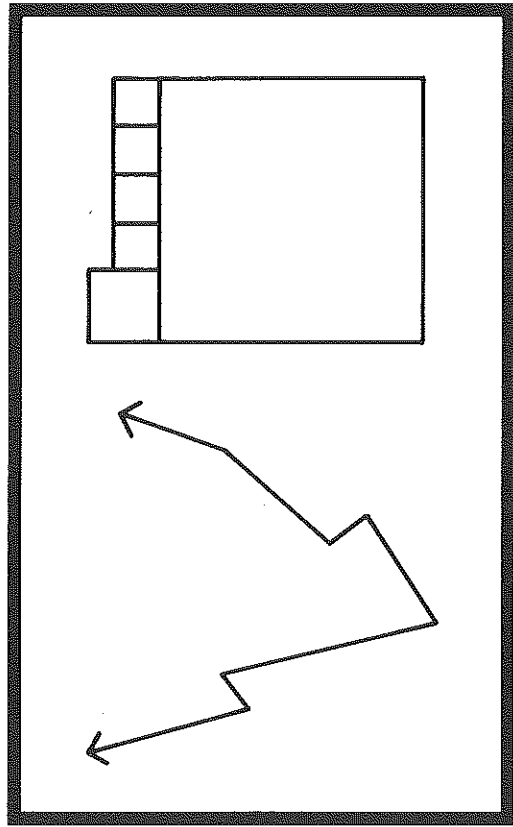
Y 76 in. ²	N 105 cm ²	O 80 in. ²	D 3.68 cm ²	S 3.92 cm ²
L 24.5 m ²	B 30 cm ²	T 120 cm ²	Z 1,360 cm ²	F 5.6 m ²
A 72 cm ²	R 69 ft ²	P 26.2 m ²	M 75 in. ²	I 60 cm ²
U 1,400 m ²	C 95 cm ²	G 77 ft ²	H 1,250 cm ²	E 4.5 m ²

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:

What Is the Title of This Picture?

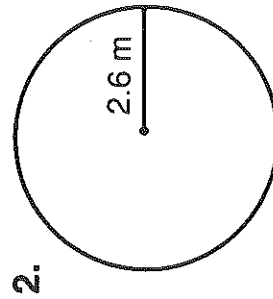
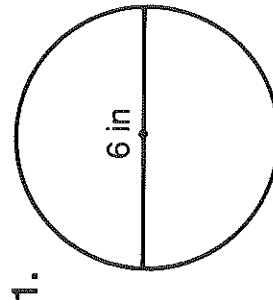
Use the diameter (d) or radius (r) of each circle to find the circumference (C) and area (A) of the circle. Use 3.14 for π . Round answers to the nearest hundredth (if necessary). Each time an answer appears in the coded title, write the letter of the exercise above it.



CODED TITLE:

5,024 176.63 0.7 40 1,017.36 0.7 5.2 4,954 18.84 47.1 3 113.04 0.7 1.69 5,024 28.26 4.40 21.23

16.33 47.1 0.7 172.38 36 1.54 251.2 18.84 176.63 0.7 984.46 15 16.33 16.33 4.40



G $r =$ _____ in.

A $C =$ _____ in.

I $A =$ _____ in.²

D $d =$ _____ m

O $C =$ _____ m

H $A =$ _____ m²

3. $d = 80$ ft

C $r =$ _____ ft

U $C =$ _____ ft

W $A =$ _____ ft²

5. $d = 1.4$ cm

E $r =$ _____ cm

T $C =$ _____ cm

Q $A =$ _____ cm²

4. $r = 18$ in.

S $d =$ _____ in.

L $C =$ _____ in.

K $A =$ _____ in.²

6. $r = 7.5$ mm

F $d =$ _____ mm

N $C =$ _____ mm

R $A =$ _____ mm²