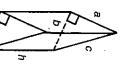
## **Practice 47** Important Solids

Lessons 12-1 through 12-3

Complete the table for the right triangular prism shown.

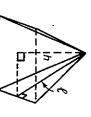
2.		
7	, 6-	а
24	8	b
25	10	c
10	5	h
560	36	L.A.
728	s E	T.A.
8년0	- 90	V



Exs. 1-2

Complete the table for the regular square pyramid shown.

4.	မှာ	·
દ	18	base edge
573	15	lateral edge
$5\sqrt{2}$	$\bar{\varphi}$	1
5	347	h
100-17	430	L.A.
100-Fat-100   (C/ == 100)	756	T.A.
e e	17 Tess	V



Exs. 3-4

Complete the table for a cylinder with dimensions r and h.

•	ည		
4	3	Y	
W	5	h	
24π	3077	L.A.	
SloT	H847	T.A.	
118h	45h	7	

Complete the table for a cone with slant height *l*.

3	5	7
343	12	h
6	13	l.
1897	6597	L.A.
277	907	T.A.
3.46	100m	V

 $\infty$ 

9 the lateral area, total area, and volume. with sides of lengths 10, 5, 10, and 17. Sketch the prism. Then find The height of a right prism is 10. Its base is an isosceles trapezoid

$$L.A. = \frac{190}{596}$$

$$L.A. = \frac{596}{596}$$

10. Popcorn is sold in a cardboard cylinder with radius 8 cm and with radius 6 cm, what should the height of the cone be? height 6 cm. If the same amount of popcorn is to be sold in a cone