

## Written Exercises

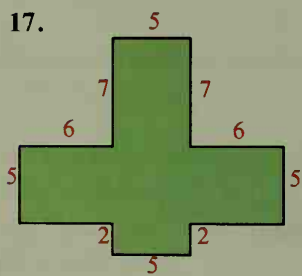
Exercises 1–16 refer to rectangles. Complete the tables.  $p$  is the perimeter.

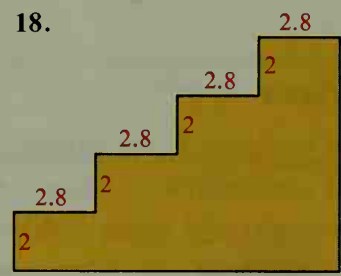
<b>A</b>	1.	2.	3.	4.	5.	6.	7.	8.
$b$	12 cm	8.2 cm	16 cm	?	$3\sqrt{2}$	$\sqrt{6}$	$2x$	$4k - 1$
$h$	5 cm	4 cm	?	8 m	$4\sqrt{2}$	$\sqrt{2}$	$x - 3$	$k + 2$
$A$	?	?	$80 \text{ cm}^2$	$120 \text{ m}^2$	?	?	?	?

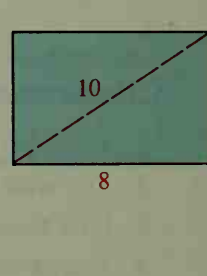
  

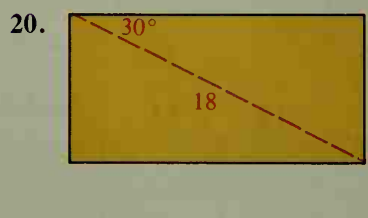
	9.	10.	11.	12.	13.	14.	15.	16.
$b$	9 cm	40 cm	16 cm	$x + 5$	$a + 3$	$k + 7$	$x$	?
$h$	4 cm	?	?	$x$	$a - 3$	?	?	$y$
$A$	?	?	?	?	?	?	$x^2 - 3x$	$y^2 + 7y$
$p$	?	100 cm	42 cm	?	?	$4k + 20$	?	?

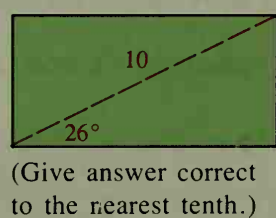
Consecutive sides of the figures are perpendicular. Find the area of each figure.

**B** 17. 

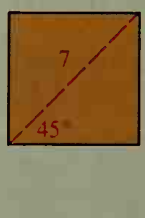
18. 

19. 

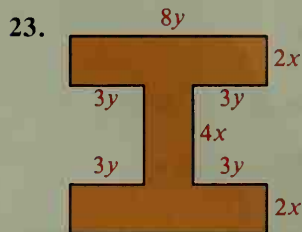
20. 

21. 

(Give answer correct to the nearest tenth.)

22. 

In Exercises 23 and 24 find each area in terms of the variables.

23. 

24. 