8.2 Puzzle Time

Did You Hear About . . .
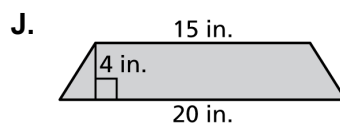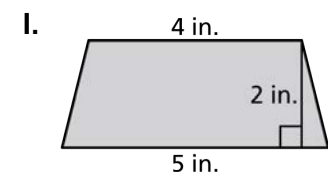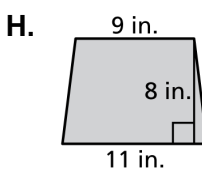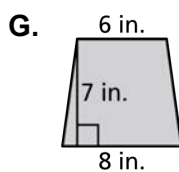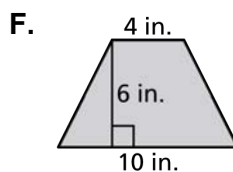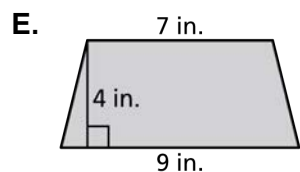
A	B	C	D	E	F
G	H	I	J	K	

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

42 in.² TO	**Find the area of the trapezoid.**	9 in.² IT
7 in.² WAS	**A.** $b_1 = 8$ in.; $b_2 = 12$ in.; $h = 5$ in.	96 in.² THAT
70 in.² KEPT	**B.** $b_1 = 3$ in.; $b_2 = 7$ in.; $h = 3$ in.	100 in.² DID
49 in.² DRIVE	**C.** $b_1 = 10$ in.; $b_2 = 14$ in.; $h = 8$ in.	50 in.² THE
84 in.² WASN'T	**D.** $b_1 = 7$ in.; $b_2 = 17$ in.; $h = 7$ in.	90 in.² WOULD
54 in.² HARD		21 in.² MEMORY
60 in.² KEYS		30 in.² CRASHING
15 in.² COMPUTER		18 in.² BOOTING
80 in.² BECAUSE		32 in.² ALLOWED

E. 7 in., 4 in., 9 in.

F. 4 in., 6 in., 10 in.

G. 6 in., 7 in., 8 in.

H. 9 in., 8 in., 11 in.

I. 4 in., 2 in., 5 in.

J. 15 in., 4 in., 20 in.

K. A rearview mirror is in the shape of a trapezoid that is 11 inches long across the bottom, 9 inches long across the top, and 3 inches high. What is the area of the rearview mirror?