

PROBLEM SET AND SKILLS REVIEW



A person runs laps around a track. The relationship between the number of laps, x , and the total distance run in miles, y , can be represented by the equation $y = 0.25x$.

Complete the table to represent this relationship.

Move the correct answer to each box in the table. Not all answers will be used.

1.25 1.75 3.5 4.25 6.75 7.25 16.75 17.25

Track

Number of Laps, x	Total Distance, y (miles)
2	0.5
7	<input type="text"/>
8	2
17	<input type="text"/>

PROBLEM SET AND SKILLS REVIEW



1. Input values for Table 1 are 1, 2, 3, 4, 5. Record these values on Table 1.
2. Use the rule $y = 5x$ to record the output values on Table 1.

Table 1

Input	x					
Output	y					

5. Input values for Table 2 are 1, 3, 5, 7, 9. Record these values on Table 2.
6. Use the rule $y = 5x$ to record the output values on Table 2.

Table 2

Input	x					
Output	y					

PROBLEM SET AND SKILLS REVIEW

b. Use the table to complete the scatterplot for the other students who were surveyed.

Student	A	B	C	D	E	F	G	H	I	J	K
Outdoor Hours, x	10	1	10	5	1	8	2	0	6	5	2
Video Game Hours, y	0	5	5	4	10	1	7	0	0	3	1

