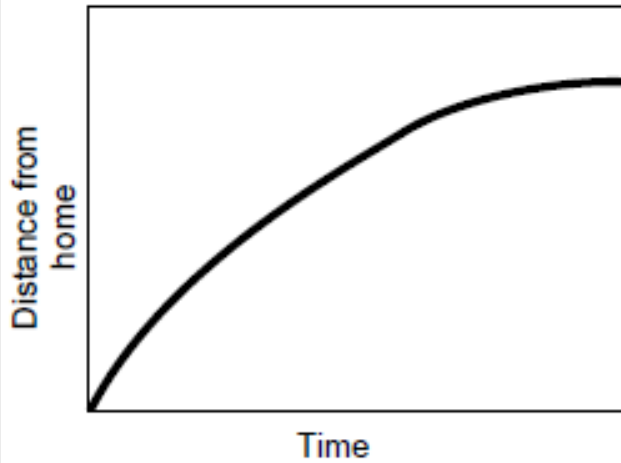
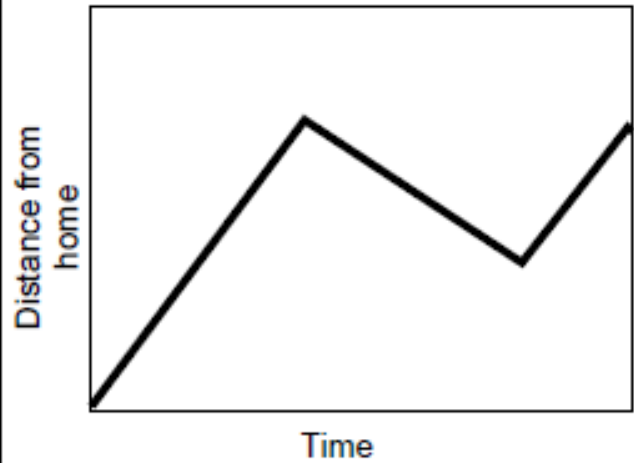


## Card Set A: Distance–Time Graphs

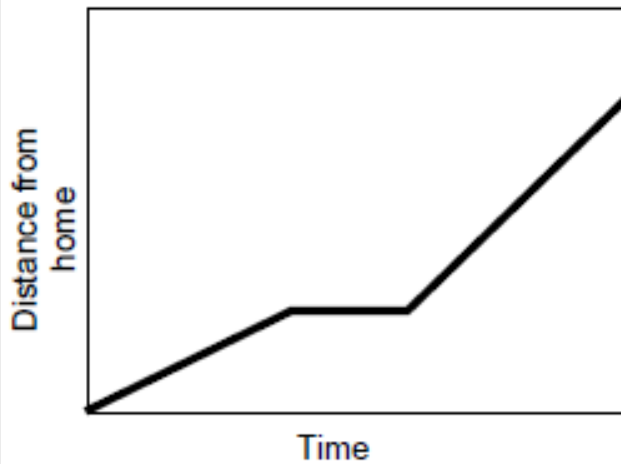
A



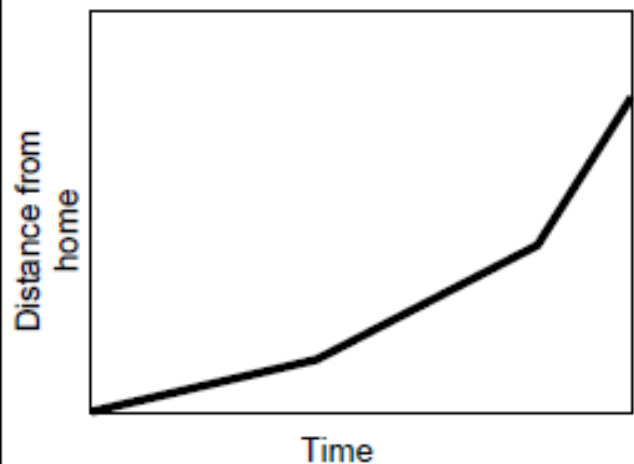
B



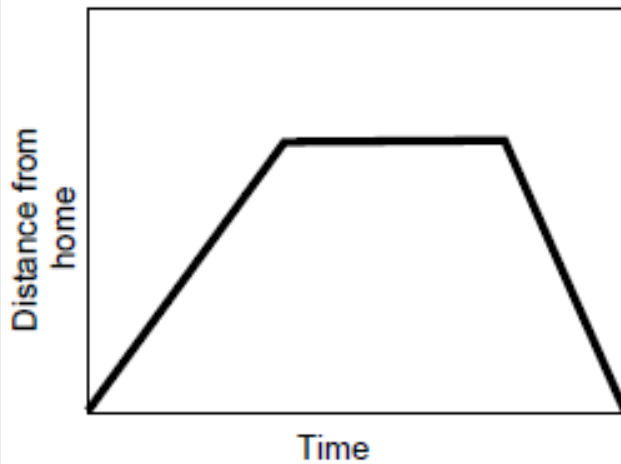
C



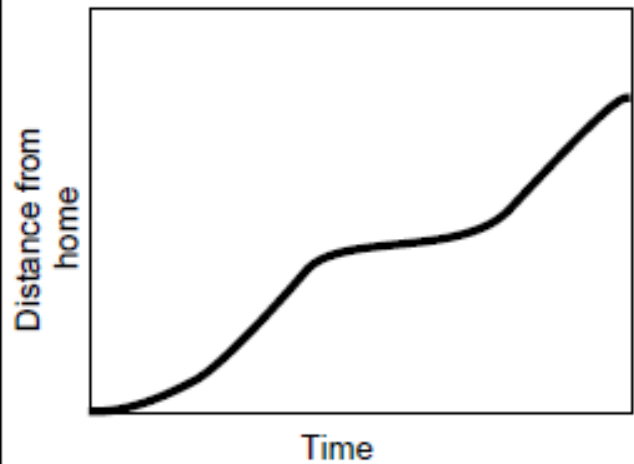
D



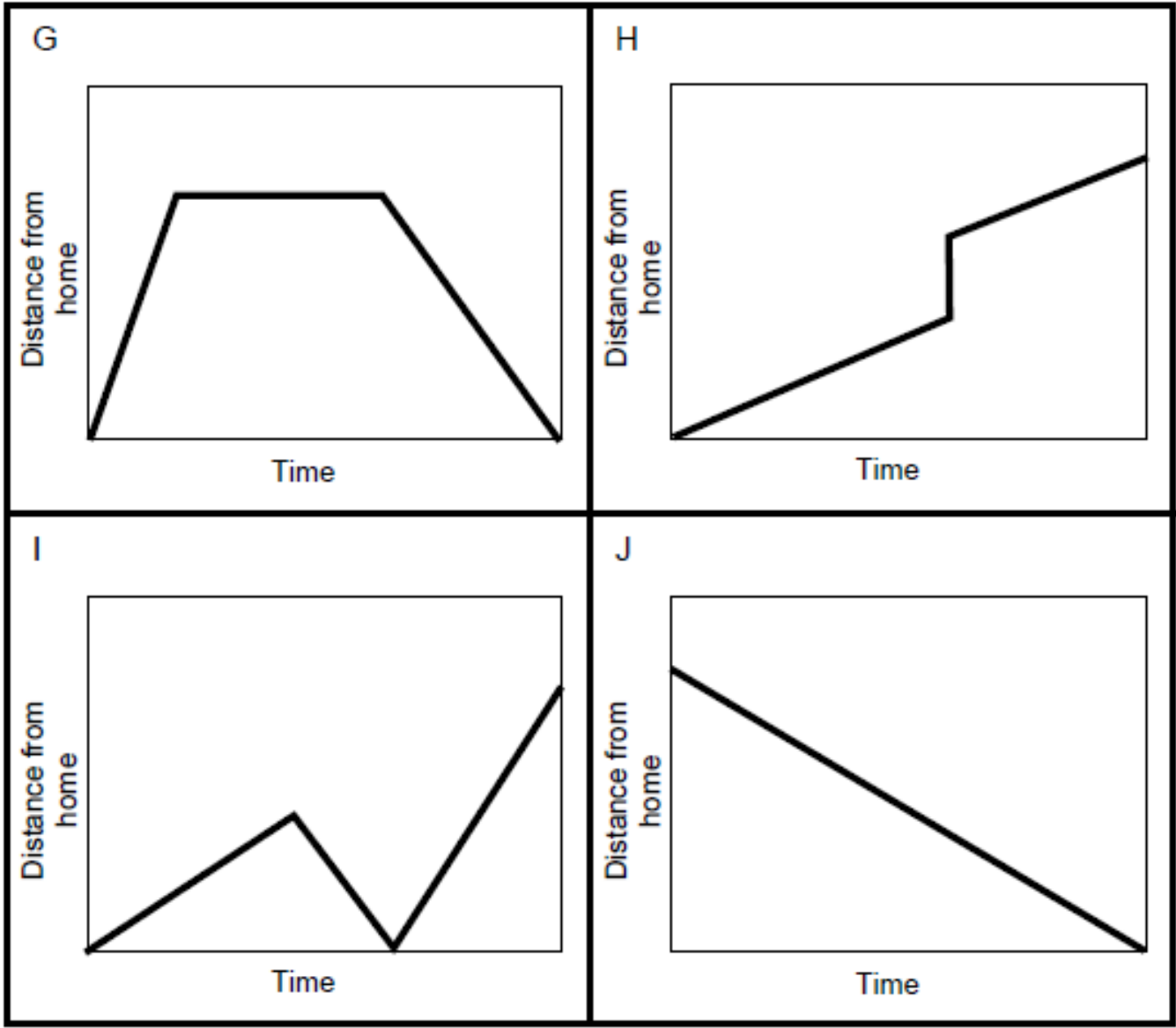
E



F



### Card Set A: Distance–Time Graphs (continued)



**Match each of the graphs in Card Set A with its interpretation from Card Set B and the appropriate table in Card Set C. Record your solutions below.**

[illegible]

## Card Set B: Interpretations

<p><b>1</b> Tom ran from his home to the bus stop and waited. He realized that he had missed the bus so he walked home.</p>	<p><b>2</b> Opposite Tom's home is a hill. Tom climbed slowly up the hill, walked across the top, and then ran quickly down the other side.</p>
<p><b>3</b> Tom skateboarded from his house, gradually building up speed. He slowed down to avoid some rough ground, but then speeded up again.</p>	<p><b>4</b> Tom walked slowly along the road, stopped to look at his watch, realized he was late, and then started running.</p>
<p><b>5</b> Tom left his home for a run, but he was unfit and gradually came to a stop!</p>	<p><b>6</b> Tom walked to the store at the end of his street, bought a newspaper, and then ran all the way back.</p>
<p><b>7</b> Tom went out for a walk with some friends. He suddenly realized he had left his wallet behind. He ran home to get it and then had to run to catch up with the others.</p>	<p><b>8</b> This graph is just plain wrong. How can Tom be in two places at once?</p>
<p><b>9</b> After the party, Tom walked slowly all the way home.</p>	<p><b>10</b> Make up your own story!</p>

## Card Set C: Tables of Data

P	Time	Distance
	0	0
	1	40
	2	40
	3	40
	4	20
	5	0

Q	Time	Distance
	0	0
	1	10
	2	20
	3	40
	4	60
	5	120

R	Time	Distance
	0	0
	1	18
	2	36
	3	54
	3	84
	5	120

S	Time	Distance
0	0	
1	40	
2	80	
3	60	
4	40	
5	80	

T	Time	Distance
	0	0
	1	20
	2	40
	3	40
	4	40
	5	0

U	Time	Distance
	0	0
	1	30
	2	60
	3	0
	4	60
	5	120

V	Time	Distance
0	0	
1	20	
2	40	
3	40	
4	80	
5	120	

W	Time	Distance
	0	0
	1	45
	2	80
	3	105
	4	120
	5	125

X	Time	Distance
	0	120
	1	96
	2	72
	3	48
	4	24
	5	0

Y	Make this one up!	
Time	Distance	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
Z	Make this one up!	
Time	Distance	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		