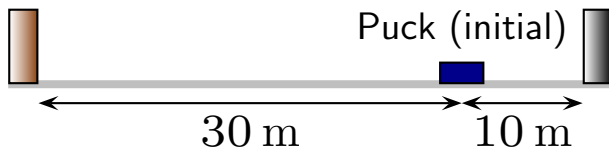


Question 1

A hockey puck is initially at the indicated location and slides to the right, striking a fixed black board at 2 s later. It bounces back and travels left, eventually striking a brown board at 8 s after it has struck the black board.

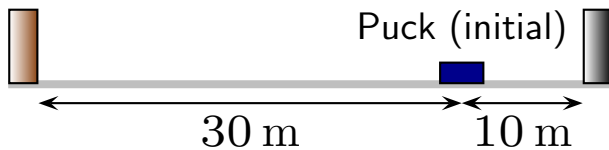


What is the average velocity of the puck from initial moment until it strikes the black board?

1. -5 m/s
2. -1 m/s
3. 0 m/s
4. 1 m/s
5. 5 m/s

Question 2

A hockey puck is initially at the indicated location and slides to the right, striking a fixed black board at 2 s later. It bounces back and travels left, eventually striking a brown board at 8 s after it has struck the black board.

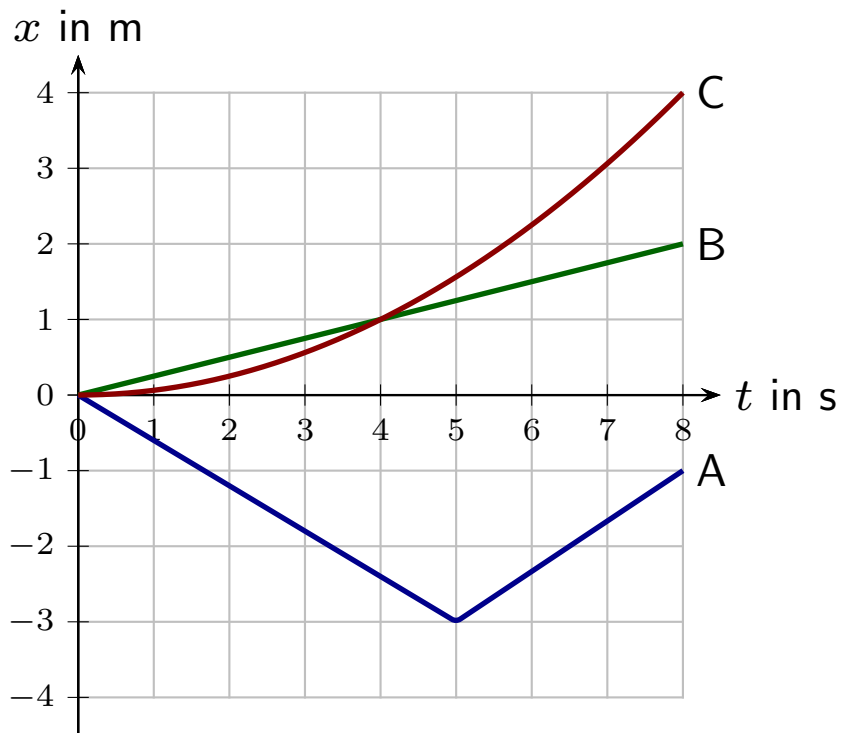


What is the average velocity of the puck from the initial moment until it strikes the brown board?

1. -5 m/s
2. -3 m/s
3. 0 m/s
4. 3 m/s
5. 5 m/s

Question 3

Graphs of position vs. time for several objects are illustrated.



Which of these undergo uniform motion over the interval from $t = 2$ s to $t = 8$ s?

1. All of A, B and C.
2. Only A.
3. Only B.
4. Only C.
5. Only A and B.
6. Only B and C.

Man Moving with Constant Acceleration

t_1	t_2	x_1	x_2	Δt	Δx	\bar{v}
3.00 s	4.00 s	-1.500 m	0.0 m	1.00 s	1.500 m	1.50 m/s
3.00 s	3.50 s	-1.500 m	-0.875 m	0.50 s	0.875 m	1.25 m/s
3.00 s	3.10 s	-1.500 m	-1.395 m	0.10 s	0.105 m	1.05 m/s
3.00 s	3.05 s	-1.500 m	-1.449 m	0.05 s	0.051 m	1.03 m/s
3.00 s	3.01 s	-1.500 m	-1.490 m	0.01 s	0.010 m	1.00 m/s

Question 4

Congratulations! You now know how to navigate the course website (**Bookmark the link!**). What well-known city does this photograph show?

