You should know that 1 cubic cm of water has a mass of 1 gram. What's the mass of 1 cubic meter of water?

A. 10 g

B. 10^2 g

C. 10^4 g

D. 10^6 g

E. 1 kg

F. 10 kg

G. 100 kg

H. 1000 kg

I. None of these

A dollar and a penny

- A student makes the following argument: "I can prove a dollar equals a penny. Since a dime (10 cents) is one-tenth of a dollar, I can write:

$$10¢ = 0.1 \ \$$$
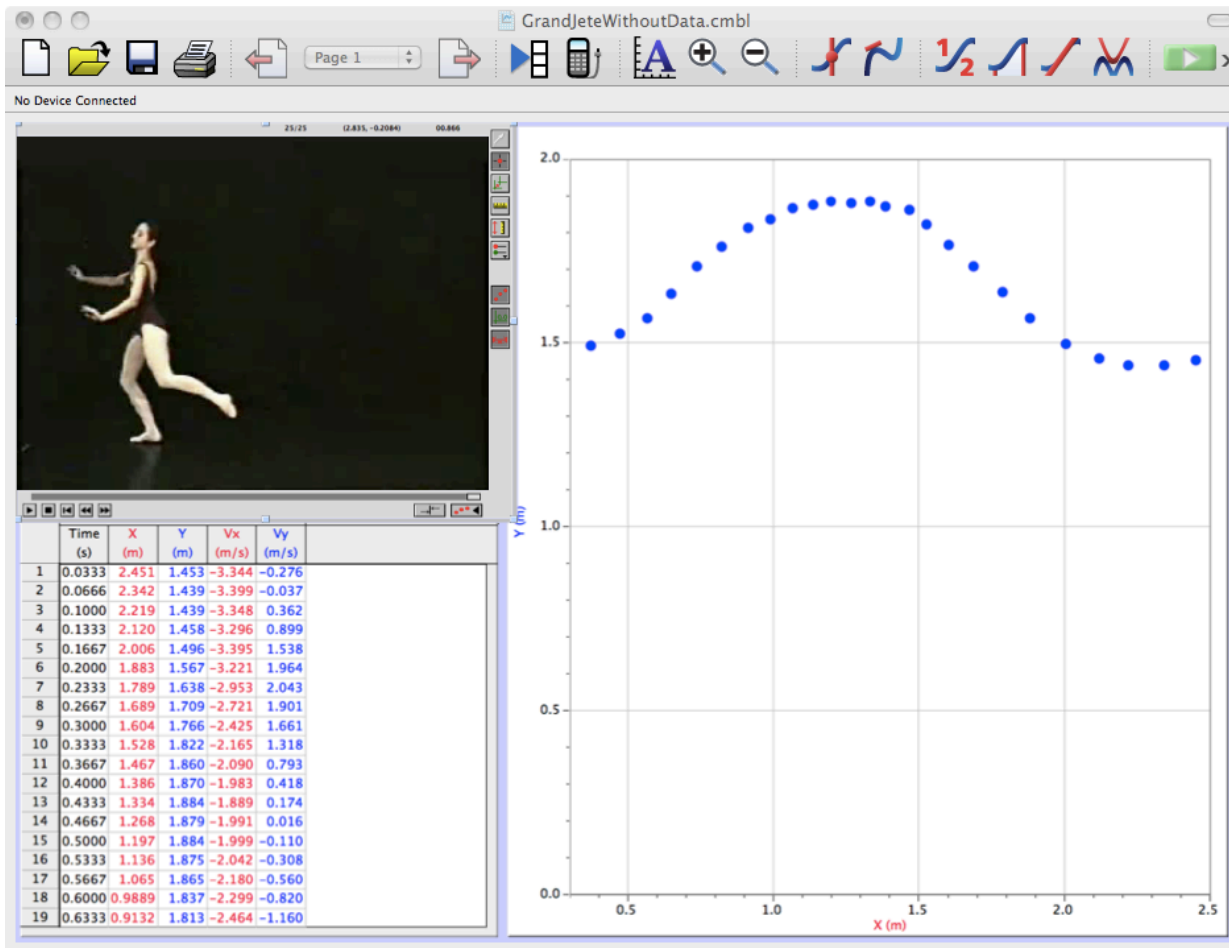
- Square both sides of the equation. Since squares of equals are equal,

$$100 ¢ = 0.01 \ \$.$$

- Since 100 ¢ = 1 $ and 0.01 $ = 1 ¢ it follows that 1$ = 1 ¢."

- What's wrong with the argument?

On which side of the *x-y* graph is the initial time ($t = 0$)?

1. On the left.
2. On the right.
3. There is not enough information given to decide.
4. I have no clue.

Sketch what you think *x-t* and *y-t* plots would look like.

GrandJeteWithoutData.cmbl

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Time (s)	X (m)	Y (m)	Vx (m/s)	Vy (m/s)
1	0.0333	2.451	1.453	-3.344	-0.276
2	0.0666	2.342	1.439	-3.399	-0.037
3	0.1000	2.219	1.439	-3.348	0.362
4	0.1333	2.120	1.458	-3.296	0.899
5	0.1667	2.006	1.496	-3.395	1.538
6	0.2000	1.883	1.567	-3.221	1.964
7	0.2333	1.789	1.638	-2.953	2.043
8	0.2667	1.689	1.709	-2.721	1.901
9	0.3000	1.604	1.766	-2.425	1.661
10	0.3333	1.528	1.822	-2.165	1.318
11	0.3667	1.467	1.860	-2.090	0.793
12	0.4000	1.386	1.870	-1.983	0.418
13	0.4333	1.334	1.884	-1.889	0.174
14	0.4667	1.268	1.879	-1.991	0.016
15	0.5000	1.197	1.884	-1.999	-0.110
16	0.5333	1.136	1.875	-2.042	-0.308
17	0.5667	1.065	1.865	-2.180	-0.560
18	0.6000	0.9889	1.837	-2.299	-0.820
19	0.6333	0.9132	1.813	-2.464	-1.160

Y (m)

X (m)