Name:		Class: Date:	ID: A
Works	sheet	t - Ch 2 linear motion (2005)	WORKSHEE.
Multipl Identify		oice etter of the choice that best completes the statement or answers the question.	
7	1. A a. b. c. d.	$w_f - w_i$ $w_f - w_i / 2$ $(w_f + w_i) / 2$ $(w_f - w_i) / 2$	by which of the following?
	2. Da a. b. c. d.	o. scalar c. magnitude	
		b0.50 m/s c. 0.73 m/s d. 0 m/s	dditional 50 s. If west is
	av a. b. c. d. e.	2.5 m/s c. 3.4 m/s d. 4.2 m/s c. zero	
		b. 25.2 s c. 6.30 s d. 10.7 s	
		b. 167 m c. 70.0 m d. 83.0 m	ninimum distance must a

17.4 m/s

15.2 m/s

d.

e.

- The greater mass hits the ground first.
- b. Both objects hit the ground together.
- c. The smaller mass hits the ground first.
- No conclusion can be made with the information given.
- At the top of a cliff 100 m high, Raoul throws a rock upward with velocity 15.0 m/s. How much later should he drop a second rock from rest so both rocks arrive simultaneously at the bottom of the cliff?
 - 5.05 s
 - 3.76 sb.
 - c. 2.67 s
 - d. $1.78 \mathrm{s}$
 - 1.56 se.

61 m

120 m

132 m

c. d.

e.