Name:Period:	Linear Motion I	n Class Test Review	8
Circle the bigger one: A. Centimeters or megame B. Micrometers or millime C. Kilometers or megameters.	lers?	2) Convert 18 m/s to meters per min. 18 W GO S 1050	m
D. Centimeters or millimeters 3) An object moves 120 m in 15 Calculate the object's speed, \$ = \frac{2}{4} = 12cm \$ = \frac{12cm}{15.5} =	seconds. 4) An object mo	ves 18 m/s. How long does ect to move 154 m? S= 4/t E= 4/s 154 m/s = 868ec 5) Speed or velocity: A person walks 0.5 m/ Vector A car is moving 30 m/ SCLV (no	s.
Object A Object B Object C Object D	S	7) The tape timers at the left show 4 objects movir right. The dots show the positions of the object second. Which objects apply to the following? CD Constant speed. B Positive acceleration. At constant velocity. ABDAccelerating. A Decelerating. A Deceleration = 0. The tape timers at the left show 4 objects movir right. B Distance increases. A Starts at rest. A Stopping. A No. C Constant direct of the constant direct of t	eases
A Acceleration of an B Acceleration of an	It ends up going 100 m in 6.5 med solve: WHAXWAA (Vi E) + (Vi A) object that is moving to the leading of the leading to the right?	ft and speeding up? G= 4.7 m/s^2 flowing down?	.a(6 55)°
D. O Displacement of an E. Acceleration of an F. Displacement of an What is the acceleration of a	n object that ends at its starting thrown object at the top of its nobject moving to the left? full bottle of water dropped from	position? path? om a desk? -9.8 m/s^2 An empty bottle? s acceleration? Omls o? $v_i = 0 \text{ m/s}$; $a = 0 \text{ m/s}^2$ and $v_i = 0$ thigh $t = 0 \text{ m/s}^2$	=]M
when she belly flops into the Variables: Equation	y, wasting time" with my sister water? (And more importantly Solve:	When it comes back, $v_f = \frac{c_{mb}}{c_{mb}}$, $a = \frac{10m_f}{c_{mb}}$ and $\Delta y = \frac{1}{2}$. I get bored and push her off the 2 m dock. How fast is whow badly is she going to hurt me when she catches me $c_{mb} = \frac{c_{mb}}{c_{mb}} + \frac{2}{2} + \frac{10m_b^2}{c_{mb}} + \frac{2m_b^2}{c_{mb}}$	
6) What is the velocity of the sto7) What is the motorcyclist's vel	p sign in the car's frame of ref		





