	20-P-MOM-DY-11
	A large in= 100 ky ice sled is in the middle of a frozen lake. A person walks the length of the sled, from one end to the other. The knyth of the sled is $l = 2m$ . If the person has a mass $m = 60$ kg, determine how far the sledge moves.
•	Solution: s= sled p=person .ms s, = mp sp
	$m_s x = m_p (l-x)$
	sc (ms + mp) = lmp
	$\frac{x - Cmp}{ms + mp} = 0.75 \text{ in}$
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