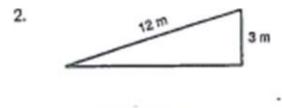
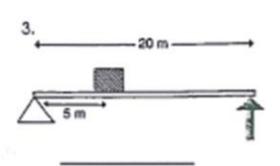
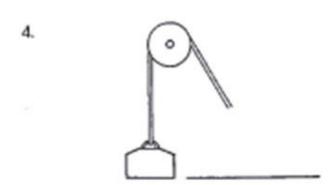
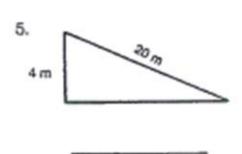
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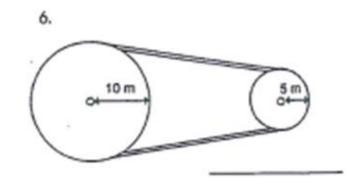
**Using the formulas** for Mechanical Advantage of Simple Machines (Check my blog if you did not complete it), calculate the mechanical advantage of each of the following simple machines.

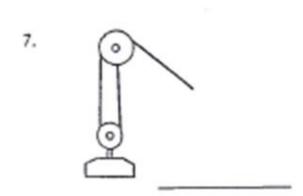


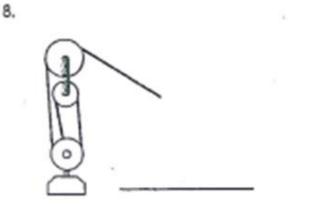












What is the MA of	the lever?		
		MA =	
10. What is the mecha arm of 2 meters?	anical advantage of a lever that	has an effort arm of 3	meters and a resistar
		MA =	
11. A lever with an eff resistance arm?	ort arm of 2 meters has a mech	nanical advantage of 4	. HOW LONG is the
		MA =	
find the MA of a pulley	system – count the number of	supporting ropes.	
12.	13.		14.
MA =	MA =		MA =
o find the MA of a wheel	and Axle – use the formula N	MA = <u>radius of large w</u> Radius of small MA =	wheel
find the MA of an inclin	ned plane - MA = <u>length of</u> Height of	inclined plane inclined plane	
5. 8cm	40cm N	ЛA =	
7. A 5 meter ramp lifts ob	ojects to a height of .75 meters.	. What is the MA of th	ne ramp?
	N.	/A =	
	uses a ramp to pull a 1000-New	그렇게 되어진 나는 아니라 아니라 다 하고 있다.	[일본] [10] [10] [10] [10] [10] [10] [10] [10
gh). If it takes a force of	200 Newtons to pull the cart, w	that is the length of th	ie ramp?