

# Tower Crane Sheet (Lego SM)

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Names: \_\_\_\_\_

Make sure to show your work

Step	MA	Lifting Time (s)	Average Time (s)	Average Speed (m/s)
A		Time 1:		
		Time 2:		
		Time 3:		
B		Time 1:		
		Time 2:		
		Time 3:		
C		Time 1:		
		Time 2:		
		Time 3:		

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## How would you change the...

Pulley arrangement if you wanted to lift loads more quickly.

Tower if you wanted to lift loads higher.

The pulley if you wanted to lift heavier loads.

Structure at the jib if you wanted to move pick up in one place and put back down to the left or right.