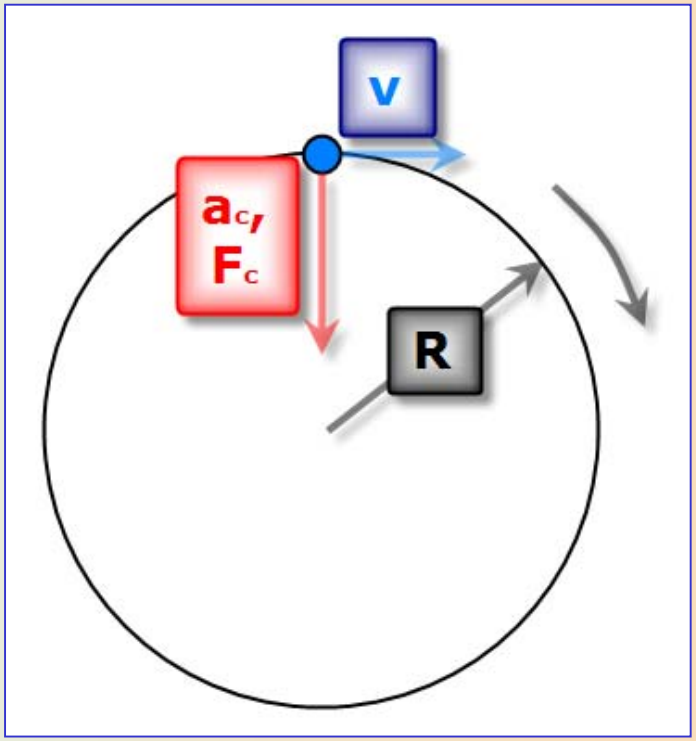
Circular Motion: Exercises

Rafa Muñoa
Lizardi Institutua
Zarautz

Magnitude	Value
m (mass)	2 kg
R (radius)	50 cm
T (period)	
f (frequency)	
v (linear vel.)	4 m/s
w (angular vel.)	
a_c (centrip. accel.)	
F (centrip. force)	

Fill in the gaps in the table



Circular Motion: Exercises

Rafa Muñoa
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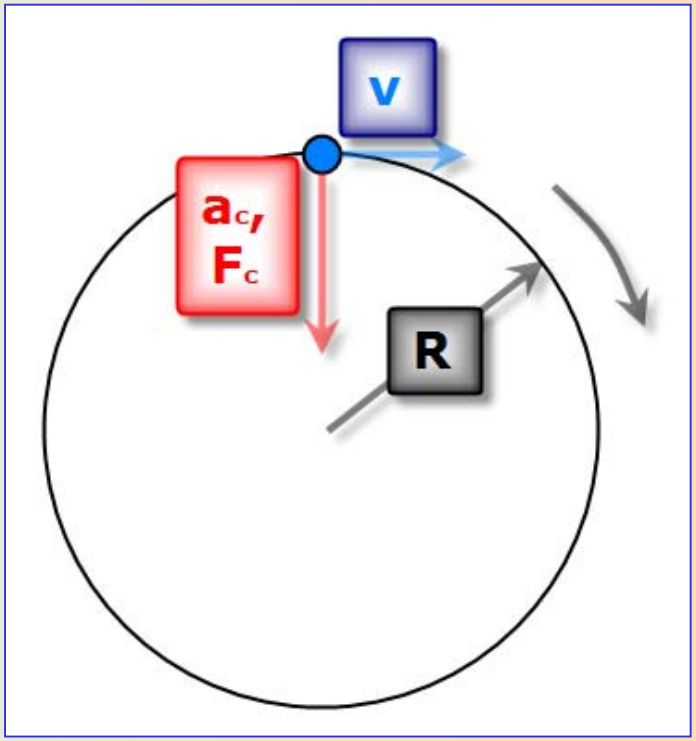
Zarautz

Magnitude	Value
m (mass)	4 kg
R (radius)	1.2 m
T (period)	
f (frequency)	
v (linear vel.)	
w (angular vel.)	
a_c (centrip. accel.)	
F (centrip. force)	10 N

Fill in the gaps in the table



Circular Motion: Exercises

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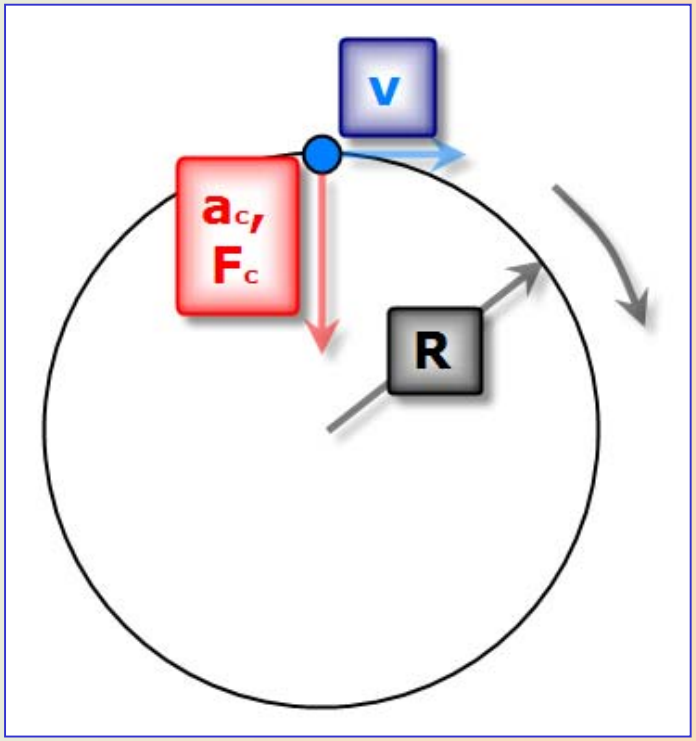
Magnitude	Value
m (mass)	2 kg
R (radius)	0.4 m
T (period)	
f (frequency)	
v (linear vel.)	
w (angular vel.)	1200 rpm
a_c (centrip. accel.)	
F (centrip. force)	

Fill in the gaps in the table



Circular Motion: Exercises

Rafa Muñoa
Lizardi Institutua
Zarautz

Magnitude	Value
m (mass)	25 kg
R (radius)	2 m
T (period)	
f (frequency)	12 Hz
v (linear vel.)	
w (angular vel.)	
a_c (centrip. accel.)	
F (centrip. force)	

Fill in the gaps in the table