

# Math 1613 - Trigonometry

Quiz #6 - 2010.10.05

Name: \_\_\_\_\_

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Remember that  $\omega = \frac{\theta}{t}$  and  $v = r\omega$ .

1. Determine the *angular* speed (in radians per hour) of the tip of a minute hand of a clock that is 10cm long.

2. Determine the *linear* speed (in cm per hour) of the tip of a minute hand of a clock that is 10cm long.