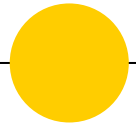


# Physics 101H

## General Physics 1 - Honors



Lecture 9 - 9/14/23

2D motion



# Summary

## Topics

**Yesterday: kinematics in 2D [[chapter 4](#)]**

- Examples in 2D
- Uniform circular motion

**Today: kinematics in 2D [[chapter 4](#)]**

- Circular motion again

## Announcements

**Yesterday:**

**Problem set 2 assigned**

**Today:**

**Quiz 2**



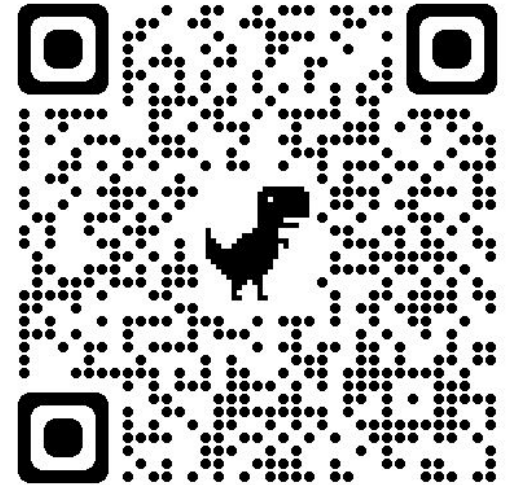
**What were the most important equations we discussed yesterday?**



## Quick quiz

\*Quick quizzes incorporate *retrieval practice* and *interleaving*, in which we revisit older material to reinforce your understanding. By keeping track of answers that you can and can't write down without reference to your notes, these quizzes help you identify which topics and concepts you understand best and which you may need to keep reinforcing.

**Instructions:** This quiz is for your own learning. There are four questions and each question has two columns. Write your own solution, without reference to your notes, the textbook, or your neighbour, **in the first column**. Once you have tried to answer all the questions, discuss the questions with a neighbour and fill in any incomplete answers **in the second column**. Keep your sheet for future reference.



# Quiz 2

You got this!



Put your name on the sheet.

Do not turn over the sheet until I tell you to.

You have ten minutes to answer three questions.

You may not use notes, slides, textbook or any other resources.

Calculators are allowed, but no phones, laptops, tablets or other devices.

You will get to choose whether quizzes count towards your final grade!

# Quiz 2



Put your name on the sheet.

Do not turn over the sheet until I tell you to.

You have ten minutes to answer three multiple choice questions.

Circle your answers.

There is no penalty for wrong answers.

You may not discuss the quiz with anyone.

Calculators are allowed, but no phones, laptops, tablets or other devices.

You will get to choose whether quizzes count towards your final grade!

Please **email me before class next Thursday**  
(September 21) if you **do NOT** want your  
quizzes to be included in your final grade.



# Summary

## Topics

**Today: kinematics in 2D [[chapter 4](#)]**

- Power outage!

**Tomorrow: kinematics in 2D [[chapter 4](#)]**

- Circular motion
- Relative velocity
- Galilean transformations

## Announcements

**Yesterday:**

**Problem set 2 assigned**

**Today:**

**Quiz 2**