

Week #8 Quiz

Due Nov 20 at 11:59pm	Points 10	Questions 10	Available Nov 18 at 2pm - Nov 20 at 11:59pm 2 days
Time Limit 60 Minutes			

Instructions

Here comes the Quiz for Week #8.

Good luck!

This quiz was locked Nov 20 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	<u>Attempt 1</u>	7 minutes	10 out of 10

Score for this quiz: **10** out of 10
Submitted Nov 19 at 2:47pm
This attempt took 7 minutes.

Correct!

Question 1

1 / 1 pts

The process of having a human create the major frames in an animation and having someone else (e.g., a computer, an underling) create the intermediate frames is called

☐ It's just a concept -- doesn't have or need a name

☒ Key Framing

☐ Master Framing

☐ Major Framing

Question 2

1 / 1 pts

The process of having someone else (e.g., a computer, an underling) create the intermediate frames is called:

☐ Underling-framing

☐ Intern-framing

Correct!

☐ Minor-framing☒ In-betweening**Question 3**

1 / 1 pts

In Forward Kinematics, the inputs are

☐ A desired acceleration☐ A desired position

Correct!

☒ The animation parameters☐ A desired velocity**Question 4**

1 / 1 pts

In Inverse Kinematics (IK), the inputs are:

Correct!

☒ A desired position☐ A desired velocity☐ A desired acceleration☐ The animation parameters**Question 5**

1 / 1 pts

The 3 major steps in running a **particle system** are:☐ Enter, Display, Un-Do-It☐ Enter, Do-It, Update

Correct!

☒ Emit, Display, Update☐ Emit, Do-It, Un-Do-It**Question 6**

1 / 1 pts

In the class notes, the falling dominoes animation is an example of:

☐ Animating using Fake Physics☐ Animating using Motion Capture☐ Animating using a Particle System

Correct!

☒ Animating using Physics**Question 7**

1 / 1 pts

A **mesh of springs** can be used to model and animate all of these **except for**:

☐ A cloth☐ Jello

Correct!

☒ The arms on a robot driven by angle parameters☐ A string/chain/hair**Question 8**

1 / 1 pts

Functional Animation involves:

Correct!

☒ Creating a "fake physics" system to get the actors to do what you want them to do☐ Writing a Haskell program (thus the name "functional") program to control the actors

- ☐ Writing C++ functions to control the actors
- ☐ Creating major frames and letting the computer fill in the intermediate frames

Question 9**1 / 1 pts**

The technique called **Motion Capture** is usually called

- ☐ MotCap
- ☐ M-Cap
- ☐ MotoCap
- ☒ MoCap

Correct!

Question 10**1 / 1 pts**

3D Printing is part of a fabrication category called

- ☐ Computer Numerical Control (CNC) milling machines
- ☒ Additive Manufacturing
- ☐ Subtractive Manufacturing
- ☐ Injection Molding

Correct!

Quiz Score: **10** out of 10