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Courses " Design Practice - II
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Announcements Course Ask a Question Progress Mentor FAQ

## Unit 2 - WEEK 01 Design practice II

## Course outline

How to access the portal

WEEK 01 Design practice II

- Design concepts
- Computer Aided Design (CAD)

Geometrical transformation

- Composition of geometrical transformation

Geometric modeling

Quiz: Week 01 Assignment 01

WEEK 1 FEEDBACK Design Practice - II

WEEK 02 Design Practice II

WEEK 03 Design Practice II

WEEK 04 Design Practice II

## Week 01 Assignment 01

The due date for submitting this assignment has passed.
As per our records you have not submitted this
Due on 2018-09-12, 23:59 IST. assignment.

1) The transformation in which an object is moved in a minimum distance path from one 1 point position to another is calledRotationReplacement

- Translation
- Scaling

No, the answer is incorrect.
Score: 0
Accepted Answers:
Translation
2) The transformation in which an object is moved from one position to another in circular path 1 point around a specified pivot point is called


No, the answer is incorrect.
Score: 0
Accepted Answers:
Rotation
3) The transformation in which the dimension of an object is changed relative to a specified $\mathbf{1}$ point fixed point is called
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## Practice II

WEEK 08 Design Practice II

Score: 0
Accepted Answers:
Scaling
4) The transformation that produces a parallel mirror image of an object are called

1 pointRotationReflectionTranslation
Scaling
No, the answer is incorrect.
Score: 0
Accepted Answers:
Reflection
5) If an object is rotated through an angle $A$ in clockwise direction, the rotation matrix $R=$

1 point$\cos A \sin A-\sin A \cos A$$\cos A \cos A-\sin A \sin A$$\sin A \cos A+\cos A \sin A$None
No, the answer is incorrect.
Score: 0
Accepted Answers:
$\cos A \sin A-\sin A \cos A$
6) A composite transformation matrix can be made by determining the $\qquad$ of matrix of 1 point the individual transformation


SumProductDifferenceNone of these
No, the answer is incorrect.
Score: 0
Accepted Answers:
Product
7) Each successive transformation matrix $\qquad$ the product of the preceding

1 point transformationpre-multiplies
post-multipliesaddssubtracts
No, the answer is incorrect.
Score: 0
Accepted Answers:
pre-multiplies
8) Two consecutive translation transformation T1 and T2 are

No, the answer is incorrect.
Score: 0
Accepted Answers:
Additive
9) If a reflection in the line $y=-x$ occurs, then the rule for this reflection is:

1 point( $\mathrm{x}, \mathrm{y}$ ) to $(\mathrm{x},-\mathrm{y})$$(x, y)$ to $(-x, y)$$(x, y)$ to $(y, x)$$(x, y)$ to $(-y,-x)$
No, the answer is incorrect.
Score: 0
Accepted Answers:
$(x, y)$ to $(-y,-x)$
10A positive angle of rotation turns a figure
1 pointClockwiseCounterclockwiseEither directionNone of these
No, the answer is incorrect.
Score: 0
Accepted Answers:
Counterclockwise

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