

Name: _____ Date: _____ Class: _____

Short Quiz / Exit Slip: Nets and Drawings for Visualizing Geometry

Part A: Multiple Choice: Instructions: Choose the option that completes the sentence or answers the question.

1. A Cube has _____ Faces.

- a. 4
- b. 6
- c. 8
- d. 12

2. A cube has _____ Edges.

- a. 4
- b. 6
- c. 8
- d. 12

3. All of the following shapes can be made into a net EXCEPT:

- a. Cube
- b. Triangular Pyramid
- c. Cylinder
- d. Sphere

4. Which of the following best describes a net?

- a. is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal.
- b. is a way of showing a 3-D object in 2-D by showing a front, top, & right side view of the object.
- c. shows the base of each figure & the height of each part with a number.
- d. is a two-dimensional diagram that you can fold to form a three-dimensional figure.

5. An isometric drawing...

- a. is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal.
- b. is a way of showing a 3-D object in 2-D by showing a front, top, & right side view of the object.
- c. shows the base of each figure & the height of each part with a number.
- d. is a two-dimensional diagram that you can fold to form a three-dimensional figure.

6. An orthographic drawing...

- a. is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal.
- b. is a way of showing a 3-D object in 2-D by showing a front, top, & right side view of the object.
- c. shows the base of each figure & the height of each part with a number.
- d. is a two-dimensional diagram that you can fold to form a three-dimensional figure.

Part B: Short Answer: Instructions: Answer the question below.

1. What are five real world things that we use nets for everyday?

Answers:**Short Quiz / Exit Slip: Nets and Drawings for Visualizing Geometry**

Part A: Multiple Choice: Instructions: Choose the option that completes the sentence or answers the question.

7. A Cube has _____ Faces.

- a. 4
- b. 6
- c. 8
- d. 12

8. A cube has _____ Edges.

- a. 4
- b. 6
- c. 8
- d. 12

9. All of the following shapes can be made into a net EXCEPT:

- a. Cube
- b. Triangular Pyramid
- c. Cylinder
- d. Sphere

10. Which of the following best describes a net?

- a. is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal.
- b. is a way of showing a 3-D object in 2-D by showing a front, top, & right side view of the object.
- c. shows the base of each figure & the height of each part with a number.
- d. is a two-dimensional diagram that you can fold to form a three-dimensional figure.

11. An isometric drawing...

- e. is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal.
- f. is a way of showing a 3-D object in 2-D by showing a front, top, & right side view of the object.
- g. shows the base of each figure & the height of each part with a number.
- h. is a two-dimensional diagram that you can fold to form a three-dimensional figure.

12. An orthographic drawing...

- e. is a way of representing a 3-D figure from a corner view showing 3 sides with the angles between the 3 axes equal.
- f. is a way of showing a 3-D object in 2-D by showing a front, top, & right side view of the object.
- g. shows the base of each figure & the height of each part with a number.
- h. is a two-dimensional diagram that you can fold to form a three-dimensional figure.

Part B: Short Answer: Instructions: Answer the question below.

2. What are five real world things that we use nets for everyday?
