

Name:

Drafting & Design: Section 3 – Chapter 15: Developments

1. What is a *development*?

2. A development is also known as a _____ or a _____.

3. What are the two classifications of surfaces as related to developments?

4. What are the two primary types of drawing methods used to construct developments?

5. _____ line development is used for objects made up of plane surfaces, such as prisms and cylinders.

6. _____ line development is used for objects made up of curved edges and nonparallel edges, such as cones and pyramids.

7. The development of a rectangular prism with an inclined bevel is laid out along a _____ line.

8. The development of a prism that is oblique to all principal projection planes requires an _____ projection.

9. What method is used to develop a cylinder with an inclined bevel?

10. What method is used to develop a right pyramid?

11. A pyramid is _____ when the apex of the geometrical shape is “cut off”.

12. What method is used to develop a right cone?

13. In CAD drafting, what command is used to divide a circle into any number of equal parts?

14. In the development of an inclined cone, each triangle on the surface must be constructed by laying off the true lengths of its three sides. This type of development is called _____.
15. Parts used to join pipes or ducts of different cross-sectional shapes are called _____ pieces.
16. What method can be used to approximate a development of a warped surface?
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