

Practice 8-3

Nets and Three-Dimensional Figures

List the shapes that make up the net for each figure, and write the number of times each shape is used.

1. rectangular prism

2. pentagonal pyramid

3. cylinder

4. triangular pyramid

5. cone

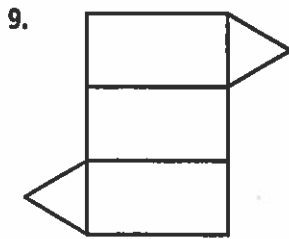
6. hexagonal prism

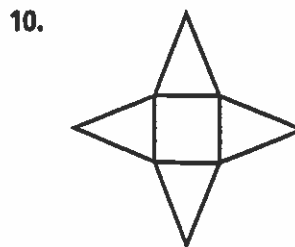
7. Draw a net for a rectangular box that is 9 cm long, 5 cm wide, and 3 cm tall.

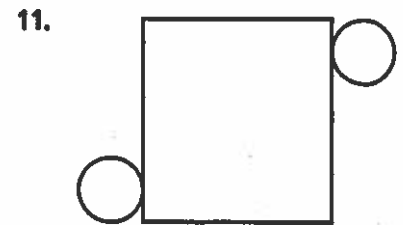
8. Draw a net for a cylinder whose height is 8 in. and whose radius is 3 in.

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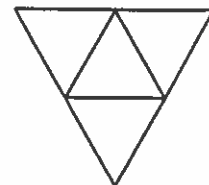
Identify the solid that each net forms.







12. What three-dimensional figure can be made from this net?



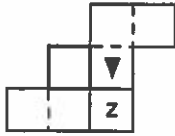
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Puzzle 8-3

Nets and Three-Dimensional Figures

In each row, the net on the left shows a pattern that can be folded to make one of the cubes on the right. Circle the letter of the cube that can be made with the net.

1.



a.



b.

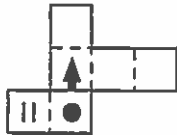


c.



d.

2.



a.



b.

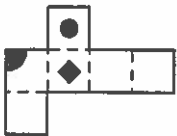


c.



d.

3.



a.



b.

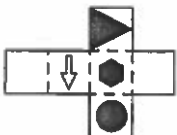


c.



d.

4.



a.



b.



c.



d.