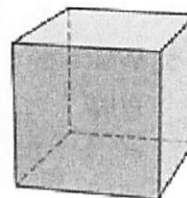
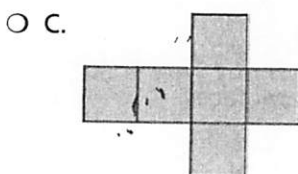
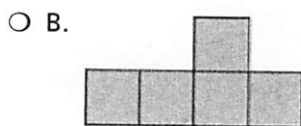
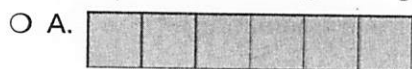


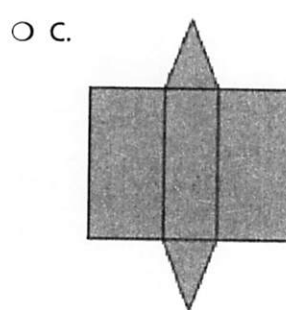
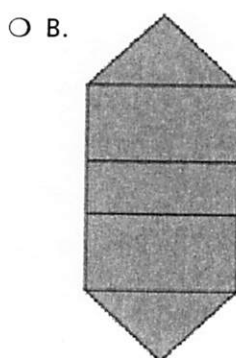
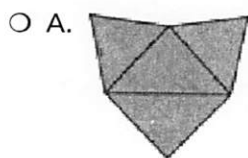
Practice 14-2

Nets

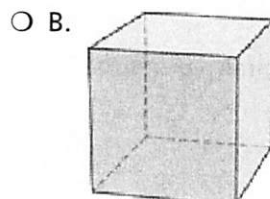
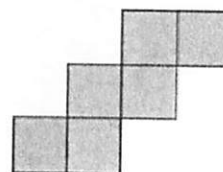
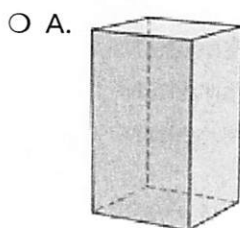
1. Which net matches the given figure?



2. Which of the following is a net of a triangular prism?

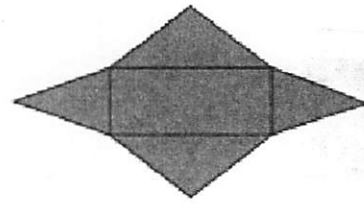


3. Identify the three-dimensional figure the given net forms.



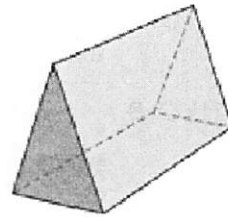
4. Identify the three-dimensional figure the given net forms.

- ☐ A. triangular pyramid
- ☐ B. rectangular pyramid
- ☐ C. cube
- ☐ D. square pyramid



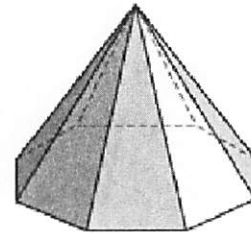
5. Which of the following describes a net of the triangular prism?

- ☐ A. two triangular bases and three triangular lateral faces
- ☐ B. two triangular bases and three rectangular lateral faces
- ☐ C. three triangular bases and three rectangular lateral faces
- ☐ D. one triangular base and three triangular lateral faces



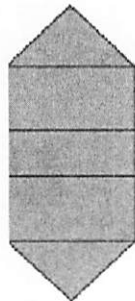
6. Which of the following describes a net of the octagonal pyramid?

- ☐ A. one octagonal base and eight triangular lateral faces
- ☐ B. one rectangular base and eight octagonal lateral faces
- ☐ C. two octagonal bases and eight rectangular lateral faces
- ☐ D. eight octagonal bases and eight rectangular lateral faces

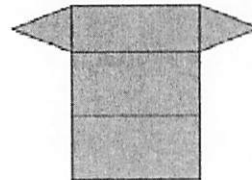


7. a) **Writing** Which of the following is a net of a triangular prism?

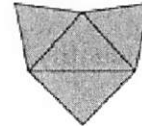
☐ A.



☐ B.



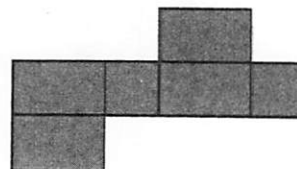
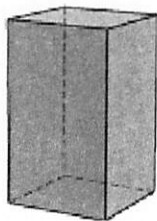
☐ C.



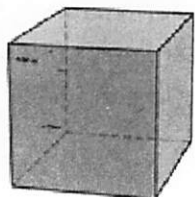
~~b) Describe the net in words.~~

8. a) **Reasoning** Identify the three-dimensional figure the given net forms.

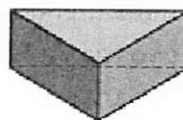
☐ A.



☐ B.

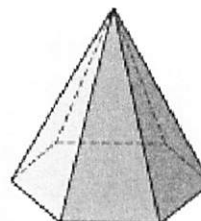


☐ C.



- b) ~~Describe how you can tell which three-dimensional figure any net will form.~~

9. a) **Error Analysis** Marleyna claims a net of the pyramid has two hexagonal bases and six triangular lateral faces. Describe a net of the pyramid.



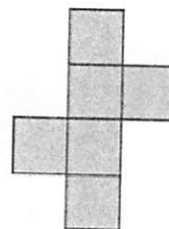
- b) What mistake might Marleyna have made?

- ☐ A. Marleyna's description has too many bases.
- ☐ B. Marleyna's description has too many lateral faces.
- ☐ C. Marleyna's description has too few lateral faces.
- ☐ D. Marleyna's description has too few bases.

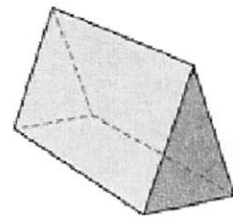
10. **Jewelry Box** A jewelry box has the shape of the net shown. Identify the shape of the jewelry box.

- ☐ A. cube
- ☐ B. square pyramid

- ☐ C. rectangular pyramid
- ☐ D. rectangular prism



11. a) Multiple Representations ~~Describe a net of the prism.~~
~~Draw two different nets of the prism.~~

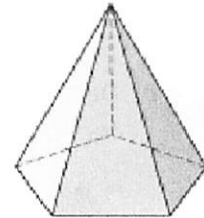
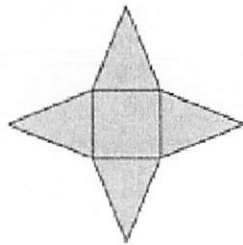


- b) Which of the following describes a net of the prism?

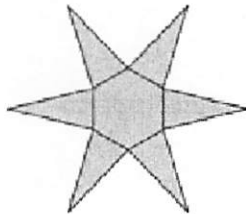
- ☐ A. three rectangular bases and three triangular lateral faces
- ☐ B. three triangular bases and three rectangular lateral faces
- ☐ C. two triangular bases and three rectangular lateral faces
- ☐ D. two triangular bases and three triangular lateral faces

12. Which net matches the given figure?

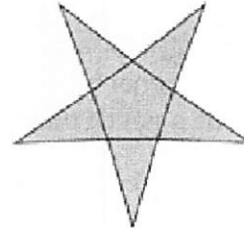
☐ A.



☐ B.



☐ C.



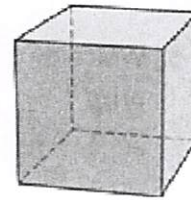
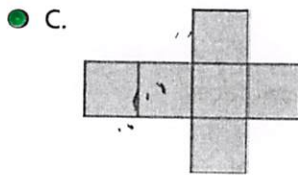
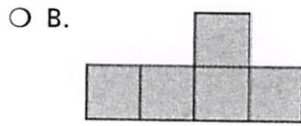
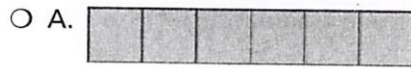
13. Which of the following describes a net of a regular pentagonal pyramid?

- ☐ A. two regular pentagonal bases and five triangular lateral faces
- ☐ B. one rectangular base and five regular pentagonal lateral faces
- ☐ C. one regular pentagonal base and five triangular lateral faces
- ☐ D. five regular pentagonal bases and five rectangular lateral faces

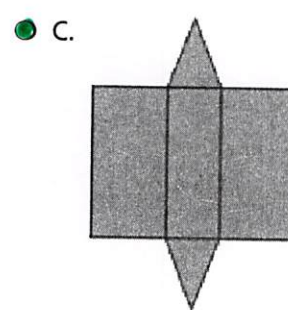
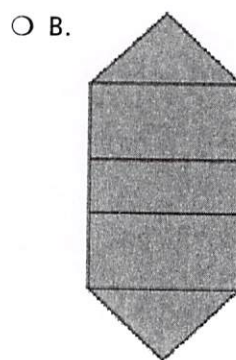
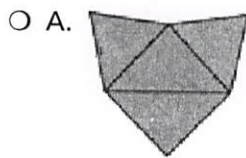
Practice 14-2

Nets

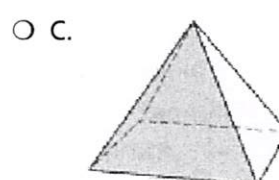
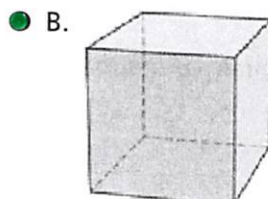
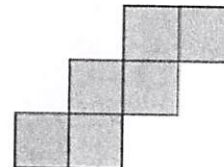
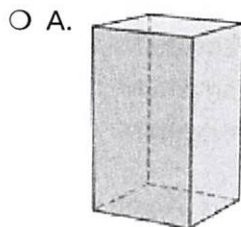
1. Which net matches the given figure?



2. Which of the following is a net of a triangular prism?

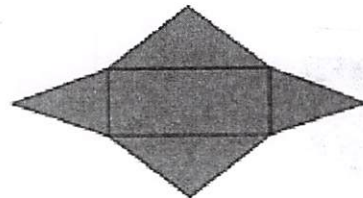


3. Identify the three-dimensional figure the given net forms.



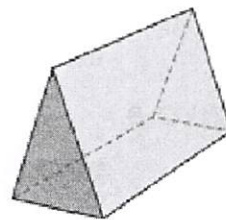
4. Identify the three-dimensional figure the given net forms.

- ☐ A. triangular pyramid
☒ B. rectangular pyramid
☐ C. cube
☐ D. square pyramid



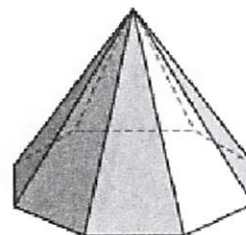
5. Which of the following describes a net of the triangular prism?

- ☐ A. two triangular bases and three triangular lateral faces
☒ B. two triangular bases and three rectangular lateral faces
☐ C. three triangular bases and three rectangular lateral faces
☐ D. one triangular base and three triangular lateral faces



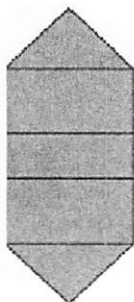
6. Which of the following describes a net of the octagonal pyramid?

- ☒ A. one octagonal base and eight triangular lateral faces
☐ B. one rectangular base and eight octagonal lateral faces
☐ C. two octagonal bases and eight rectangular lateral faces
☐ D. eight octagonal bases and eight rectangular lateral faces

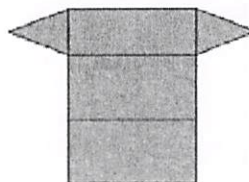


7. a) Writing Which of the following is a net of a triangular prism?

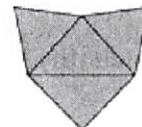
☐ A.



☒ B.



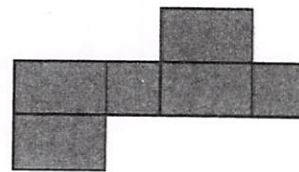
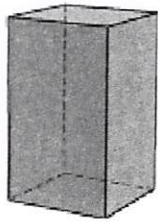
☐ C.



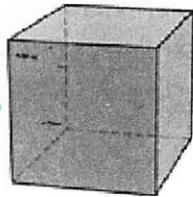
~~b) Describe the net below.~~

8. a) **Reasoning** Identify the three-dimensional figure the given net forms.

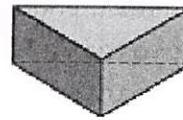
☒ A.



☐ B.



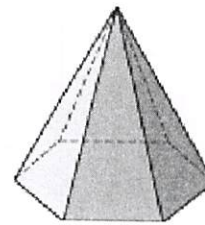
☐ C.



- b) ~~Describe how you can tell which three-dimensional figure any net will form.~~

9. a) **Error Analysis** Marleyna claims a net of the pyramid has two hexagonal bases and six triangular lateral faces. Describe a net of the pyramid.

1 hexagonal base and
6 triangular lateral faces



- b) What mistake might Marleyna have made?

- ☒ A. Marleyna's description has too many bases.
☐ B. Marleyna's description has too many lateral faces.
☐ C. Marleyna's description has too few lateral faces.
☐ D. Marleyna's description has too few bases.

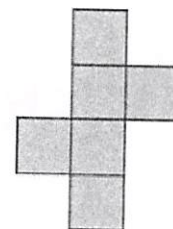
10. **Jewelry Box** A jewelry box has the shape of the net shown. Identify the shape of the jewelry box.

☒ A. cube

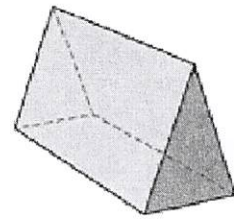
☐ B. square pyramid

☐ C. rectangular pyramid

☐ D. rectangular prism



11. a) Multiple Representations ~~Describe a net of the prism.~~
~~Draw two different nets of the prism.~~

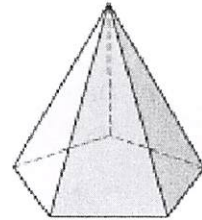
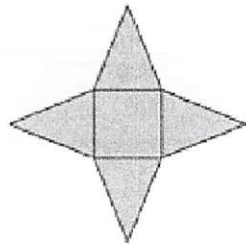


- b) Which of the following describes a net of the prism?

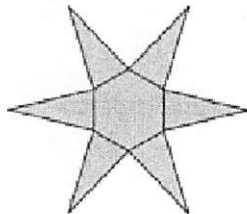
- ☐ A. three rectangular bases and three triangular lateral faces
- ☐ B. three triangular bases and three rectangular lateral faces
- ☒ C. two triangular bases and three rectangular lateral faces
- ☐ D. two triangular bases and three triangular lateral faces

12. Which net matches the given figure?

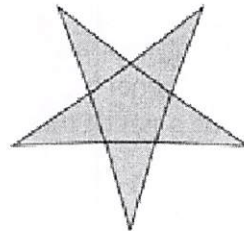
☐ A.



☐ B.



☒ C.



13. Which of the following describes a net of a regular pentagonal pyramid?

- ☐ A. two regular pentagonal bases and five triangular lateral faces
- ☐ B. one rectangular base and five regular pentagonal lateral faces
- ☒ C. one regular pentagonal base and five triangular lateral faces
- ☐ D. five regular pentagonal bases and five rectangular lateral faces