Choose the correct answer.

1. Select the TWO solid figures that have the same surface area.

   A. 
   ![Diagram A]

   B. 
   ![Diagram B]

   C. 
   ![Diagram C]

   D. 
   ![Diagram D]

   E. 
   ![Diagram E]

2. A rectangular prism is shown.

   ![Rectangular Prism Diagram]

   Select the THREE sentences that are true.

   A. The face with the greatest area is 66 cm$^2$.
   B. The face with the least area is 55 cm$^2$.
   C. Each face has one congruent face.
   D. None of the faces are congruent.
   E. The surface area of the rectangular prism is 151 cm$^2$.
   F. The surface area of the rectangular prism is 302 cm$^2$.

3. What is the surface area of a rectangular prism with a height of 12 cm, a width of 15 cm, and a length of 6 cm?

   A. 342 cm$^2$
   B. 540 cm$^2$
   C. 684 cm$^2$
   D. 1,080 cm$^2$

4. Asher has two storage cubes. He wants to paint the outside of both cubes blue. The first cube has sides that are 24 inches long. The second cube has sides that are 18 inches long. How much more surface area does the first cube have than the second cube?

   A. 6 in.$^2$
   B. 120 in.$^2$
   C. 740 in.$^2$
   D. 1,512 in.$^2$
Use the information to answer questions 5 and 6.

Ronaldo made the net shown to determine the surface area of the triangular prism.

5. What error did Ronaldo make?
   A. Each triangle should have an area of 18 cm².
   B. Each rectangle should have an area of 40 cm².
   C. The left triangle should not have the same area as the right triangle.
   D. The center rectangle should not have the same area as the top and bottom rectangles.

6. What is the surface area of the figure?
   A. 138 cm²
   B. 146 cm²
   C. 292 cm²
   D. 320 cm²

7. Isla is given the net of a rectangular pyramid.

She states that there is not enough information given to find the surface area. What information is missing?
   A. the height of the triangle
   B. the base of the triangle
   C. the length of the rectangle
   D. the perimeter of the rectangle

8. What is the surface area of this triangular prism?

   A. 84 ft²
   B. 96 ft²
   C. 108 ft²
   D. 120 ft²
9. A net of a rectangular prism is shown.

Find the surface area of the rectangular prism. Show your work.

10. A rectangular prism is shown.

What is the surface area of the rectangular prism? Justify your answer.
11. A rectangular pyramid is shown.

Describe a plan to find the surface area of the rectangular pyramid.

What is the surface area of the rectangular pyramid? Show your work.