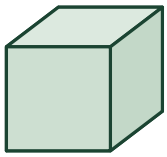
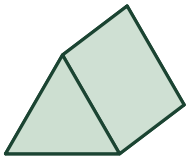
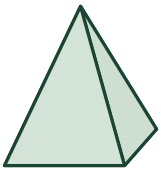
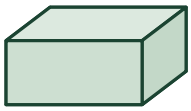
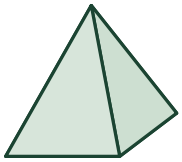
Polyhedra & Nets

Geometry & Shapes • Answer Key

ANSWER KEY • Amplify Alignment: Grade 6 Accelerated, Unit 1, Lesson 9

Problems 1–5: Here are some polyhedra.

Figure A	Figure B	Figure C	Figure D	Figure E
				

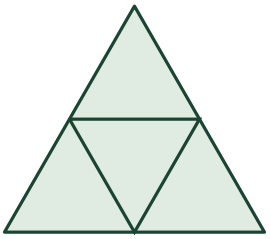
1. **Which polyhedra are prisms?** A, B, and D

2. **Which polyhedra are pyramids?** C and E

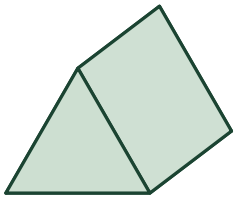
3. **What type of polyhedron is Figure D?** Rectangular prism

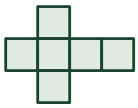
4. **What type of polyhedron is Figure E?** Square pyramid

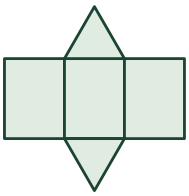
5. **Which of these polyhedra could be created from this net?**
   Figure C (triangular pyramid)

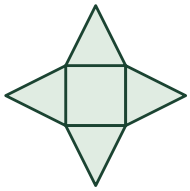


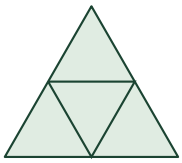
6. Here is a polyhedron. Which net could create this polyhedron?



A 

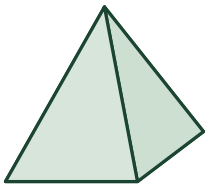
Ⓑ 

C 

D 

7. What polygons make up the faces of this three-dimensional figure?

1 square (the base) and 4 triangles



8. Mateo says a cube is a special kind of rectangular prism. Do you agree? Explain your thinking.

Yes. A rectangular prism has 6 rectangular faces. A cube has 6 square faces, and every square is a rectangle.