

Name _____

Directions Use the diagram to answer the following questions.**Possible answers given for 8–10.**

1. What does this diagram show?

The diagram shows parts of an airplane.

2. What does the caption tell you?

The caption tells me how the parts work.

3. Where are the ailerons located?

They are located near the tips of the wings.

4. What part is extended to provide additional lift?

The flaps provide additional lift during take-off.

5. What part is folded into the fuselage during flight?

The landing gear is folded into the fuselage during flight.

6. What function does the tail serve on the airplane?

The tail turns the plane left or right, and up or down.

7. According to this diagram, to what are the engines connected?

The engines are connected to the fuselage.

8. What part(s) of the airplane might be possible to see while sitting in a passenger seat and looking out a window?

You could see the flaps, the wings, and the ailerons.

9. How does the diagram help you to understand the information in the caption?

I am able to see what the parts look like and where they are located. It would be hard to do this without the diagram.

10. What would you have to do to make this diagram into a scale drawing?

You would have to measure the parts, come up with a scale, and then redraw the diagram using this measurement.

Home Activity Your child learned about diagrams and scale drawings. Together, use the Internet or a reference book to look up the actual measurements of a famous building or structure. Then draw a scale drawing of it.