

Drawing conclusions

Geometry

\_\_\_\_\_ Name

Draw a diagram and write a geometric conclusion for each situation.

1. C is the midpoint of AB

2. AC bisects  $\angle DAB$

3. corresponding angles formed by parallel lines 4. perpendicular lines

5. vertical angles

6. an equilateral triangle

7. an isosceles triangle

8. alternate interior angles formed by parallel lines

9. supplementary angles

10. complementary angles

11. congruent triangles

12. a translation of a triangle

13. a reflection of a triangle

14. A right triangle

15. The Pythagorean Theorem

16. The area of a circle