

Name: \_\_\_\_\_

Date: \_\_\_\_\_

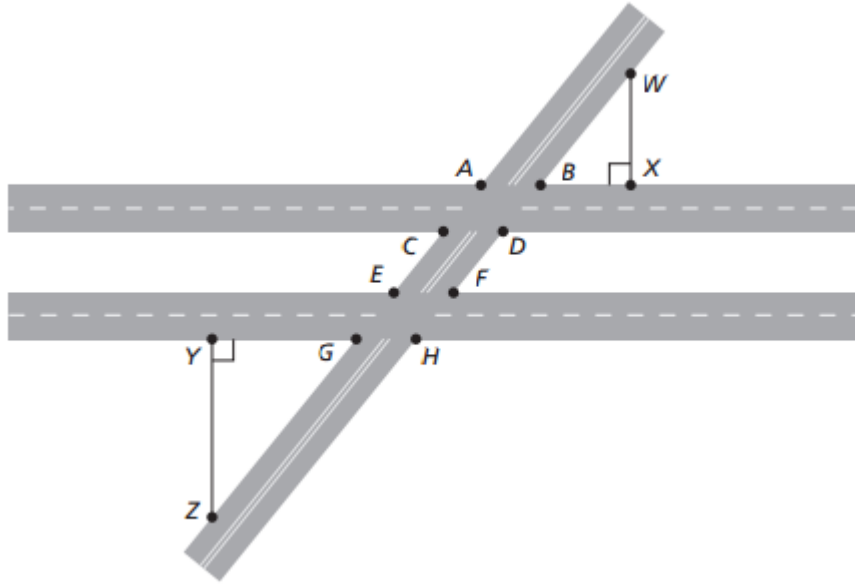
Math - Crate #6 – Performance Task

Class Work Score: \_\_\_\_\_

Accountability: \_\_\_\_\_

### Parallel Lines & Angles

The diagram shows the intersection of a two-lane road and a four-lane expressway made up of two parallel roadways.



1. Give an example of two supplementary angles. 1. \_\_\_\_\_

2. Give an example of two congruent angles on the inside of the **four-lane expressway**. 2. \_\_\_\_\_

3. Give an example of two congruent angles on opposite sides of the **four-lane expressway**. 3. \_\_\_\_\_

4. Give an example of two congruent angles on the same side of the **two-lane road**. 4. \_\_\_\_\_

5. Suppose **BX = 10 ft**, **GY = 16 ft**, and **ZY = 20 ft**.

How far from the expressway is point W? 5. \_\_\_\_\_

Explain how you found your answer.