Adding and subtracting decimals

Grade 4 Word Problems Worksheet

1. The tallest building in the city is 456.4 meters tall. The second tallest building in the city is 431.6 meters tall. How much taller is the tallest building?

2. The bus is 33.5 feet long. The city train is 45.9 feet longer than the bus. How long is the city train?

3. A bridge is 239.4 meters long. Because of a traffic jam, Ken's car stops after he drives 102.3 meters on the bridge. How much more does he need to drive to get off the bridge?

4. Part of one side of the road is closed for construction. The part that is closed is 2.8 meters wide, allowing only 3.1 meters for the cars to drive by. How wide is the road before it is closed?

5. The bike path is 5.7 feet wide, and the pavement is 7.5 feet wide. Which one is wider, the bike path or the pavement?

6. The first house on a street is 53.4 feet tall. The second house is 2.9 feet shorter. The third house is 7.3 feet taller than the first house. What is the difference in height between the second house and third house?

Answers

1. 456.4 – 431.6 = 24.8
    The tallest building is 24.8 meters taller.

2. 33.5 + 45.9 = 79.4
    The city train is 79.4 feet long.

3. 239.4 – 102.3 = 137.1
    He needs to drive another 137.1 meters to get off the bridge.

4. 2.8 + 3.1 = 5.9
    The road is 5.9 meters wide before it is closed.

5. 5.7 < 7.5
    The pavement is wider.

6. 53.4 – 2.9 = 50.5
    The second house is 50.5 feet.

    53.4 + 7.3 = 60.7
    The third house is 60.7 feet.

    60.7 – 50.5 = 10.2
    The difference between the height of the second house and third house is 10.2 feet.

    OR
    2.9 + 7.3 = 10.2
    The difference between the height of the second house and third house is 10.2 feet.