Write an arithmetic expression for each problem. Then, calculate the answer.

1. Danielle spends \( \frac{1}{4} \) of a day tutoring at the public library each month. She spends 2 days working on houses through Habitat for Humanity each month. How many days does Danielle spend volunteering each month?

2. Eddie had 2 pounds of pecans. He used \( \frac{1}{4} \) of a pound to make cookies. How much does he have left?

3. Frida stayed in a hotel room for 2 days. Because she shared the room, she only has to pay for \( \frac{1}{4} \) of the time. How many days does Frida have to pay for?

4. Giovanna runs around a \( \frac{1}{4} \) mile track. How many times does she have to run around it to go 2 miles?

5. Hank has \( \frac{1}{2} \) of a pound of silver. He has \( \frac{1}{6} \) of a pound of copper. How much metal does Hank have?

6. Irene had \( \frac{1}{2} \) of a pizza in her refrigerator. She ate \( \frac{1}{6} \) of that. What part of a pizza did Irene eat?

7. Janice’s toy car has enough battery power to go \( \frac{1}{2} \) a mile. The distance around her house is \( \frac{1}{6} \) of a mile. How many such trips can Janice’s toy car make?

8. Kurt works \( \frac{1}{2} \) of a mile away from home. He has walked \( \frac{1}{6} \) of a mile. How much more does he have to walk?

9. Lana’s truck can carry a \( \frac{1}{2} \) ton payload. It takes \( \frac{3}{4} \) of a ton of sand to fill a sandbox. How many such sandboxes can she fill with one trip in her truck?