

These problems use the fractions and the picture

1. Rowan ate all the piece of pizza with pepperoni and Bob ate all the piece of pizza with mushrooms. How many slices were left?

$$5/9 + 2/9 = 7/9$$

$$9/9 - 7/9 = 2/9 \text{ of the pizza was left}$$

2. Mom ate the pizza slices with olives, and Miles only eats plain cheese slices. How many pieces of the pizza did they eat together?

$$3/9 + 1/9 = 4/9$$

4 slices were eaten by Mom and Miles

3. Rowan ordered a pizza but the slices with peppers were soggy! We had to throw the soggy pieces away, how much was left to eat?

$$9/9 - 4/9 = 5/9$$

5 pieces of the pizza was edible 😞

4. Joe won't eat olive slices but loves pepperoni. Steve likes mushroom slices, and plain slices, but won't eat pepperoni slices. Who ate more?

Solution:

Joe will eat 3/9 of the pizza

Steve will eat 4/9 of the pizza

$$3/9 < 4/9$$

Steve ate more pizza

5. Rowan ate all the mushroom pieces, and all the olive pieces. How many pieces were left?

Solution:

$$2/9 + 3/9 = 5/9$$

Rowan ate 5 slices of the pizza

$$9/9 - 5/9 = 4/9$$

There were 4 slices of the pizza left

6. Jeff ate all the slices with oregano. He was still hungry, so he ate 1/3 of what was left. How many pieces did Jeff eat?

Solution:

$$9/9 - 3/9 = 6/9$$

There was  $\frac{6}{9}$  pizza left (6 slices) after Jeff ate the oregano slices

$$\frac{6}{9} \div 3 = \frac{2}{9}$$

There are 2 slices of pizza left

7. Sara doesn't like oregano. If she eats everything except the oregano slices, how many pieces are left?

Solution:

$$\frac{9}{9} - \frac{3}{9} = \frac{6}{9}$$

There is 6 pieces left

8. Joe is a vegetarian. How many pieces can he eat?

Solution:

$$\frac{9}{9} - \frac{5}{9} = \frac{4}{9}$$

Joe can eat 4 pieces

9. 3 friends split a pizza between each other. How many slices does each friend get?

Solution:

$$9 \div 3 = 3$$

Each friend gets 3 pieces.

10. A family orders 4 pizzas. How many slices are there?

Solution:

$$4 * 9 = 36$$

There is 36 pieces overall