



The diagram illustrates a sequence of numbers: 3, 6, 7, 8, 9, 6, 7, followed by an equals sign and a question mark. Above the numbers, colored dots and lines represent a path or sequence of operations:

- A grey dot is above the number 3.
- A purple dot is above the number 6.
- A grey dot is above the plus sign between 6 and 7.
- A yellow dot is above the plus sign between 7 and 8.
- A purple dot is above the minus sign between 8 and 9.
- A cluster of three red dots is above the minus sign between 9 and 6.
- An orange dot is above the minus sign between 6 and 7.
- An orange dot is above the plus sign between 7 and the equals sign.
- A yellow dot is above the question mark.

Lines connect the dots in a sequence: a grey line from 3 to the first purple dot, a purple line from the first purple dot to the second grey dot, a purple line from the second grey dot to the third purple dot, a purple line from the third purple dot to the first red dot, a red line from the first red dot to the second red dot, a red line from the second red dot to the third red dot, a red line from the third red dot to the orange dot above the minus sign between 9 and 6, an orange line from the orange dot above the minus sign between 9 and 6 to the orange dot above the plus sign between 7 and the equals sign, and a yellow line from the yellow dot above the plus sign between 7 and 8 to the yellow dot above the question mark.

$$3 + 6 + 7 - 8 - 9 - 6 + 7 = ?$$