**Part A:**

**Place Value Flower Puzzle**

5 x 2 = how many tens?

2x100 = how many hundreds?

4,000 ÷ 2 = how many thousands?

10 x 1,000 = how many ten-thousands?

50 x 20,000= how many hundred thousands?

Find the answer to the problems in the puzzle and color in the answer below in the appropriate colors.

1. Color the tens yellow.
2. Color the hundreds red.
3. Color the thousands green.
4. Color the ten thousands orange.
5. Color the hundred thousands purple.



**Part** **B:**

Think about the value of 4 in the number 32,468. Write a new number where the number 4 is worth 10 times as much

64,781

Think about the value of 2 in the number 617,329. Write a new number where the number 2 is worth 10 times as much

315,267

Think about the value of 7 in the number 1,267,982. Write a new number where the number 7 is worth 10 times as much

4,375,912

Think about the value of 5 in the number 365,147. Write a number sentence to show the value of the 5 by multiplying by 10.

500 x10 = 5,000

Think about the value of 3 in the number 459,236. Write a number sentence to show the value of the 3 by multiplying by 10.

3 x10 = 300

Write a x 100 statement to represent the value to 8 in 687,452...

800 x100 = 80,000

Write a ÷ 10 statement to represent the value of 7 in 687,452...

70,000 ÷10 = 7,000

Write a ÷ 10 statement to represent the value of 2 in 127,869...

200,000 ÷10 = 20,000

Write a ÷ 10 statement to represent the value of 4 in 349,865...

400,000 ÷10 = 40,000

Write a x 100 statement to represent the value to 9 in 349,865...

90 x100 = 9,000

Write a x100 statement to represent the value to 1 in 127,869…

1,000 x100 = 100,000

Think about the value of 4 in the number 617,432. Write a number sentence to show the value of the 4 by multiplying by 10.

40 x10 = 400

# **Part C:**

Draw a model for each multiplication statement. Then give the answer.

3 x 200 = 600 4 x 30 = 120







5 x 20 =100 2 x 400 = 800







# **Part D:**

Multiply. You may draw a model.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6 x 30 =  | 180 |  | 3 x 500 =  | 1,500 |
|  |  |  |  |  |
| 4 x 70 = | 280 |  | 6 x 800 =  | 4,800 |