**Part A:**

For each item, encircle the letter that best answers the situation.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Which is not a factor of 27?
2. 1
3. 27
4. 13
5. 3
 | 1. Which is a factor of 13?
2. 12
3. 6
4. 2
5. 13
 | 1. Which does not solve for 20?
2. 4 x 5
3. 3 x 6
4. 1 x 20
5. 10 x 2
 | 1. Which does not solve for 36?
2. 9 x 5
3. 4 x 9
4. 36 x 1
5. 6 x 6
 |
| 1. Which is a factor of 30?
2. 7
3. 8
4. 6
5. 4
 | 1. Which does not solve for 42?
2. 21 x 2
3. 7 x 6
4. 6 x 7
5. 15 x 3
 | 1. Which solves for 45?
2. 8 x 5
3. 9 x 5
4. 13 x 4
5. 15 x 2
 | 1. Which does not solve for 24?
2. 3 x 7
3. 8 x 3
4. 6 x 4
5. 1 x 24
 |
| 1. Which is a factor of 18?
2. 4
3. 5
4. 1
5. 7
 | 1. Which is a factor of 72?
2. 8
3. 7
4. 5
5. 13
 | 1. Which is not a factor of 21?
2. 1
3. 8
4. 7
5. 3
 | 1. Which does not solve for 32?
2. 1 x 32
3. 2 x 16
4. 4 x 9
5. 8 x 4
 |
| 1. Which is 7 not a factor of?
2. 17
3. 21
4. 14
5. 35
 | 1. Which is 8 not a factor of?
2. 8
3. 23
4. 24
5. 32
 | 1. Which is a factor of 48?
2. 9
3. 25
4. 5
5. 8
 | 1. Which is 9 a factor of?
2. 12
3. 20
4. 63
5. 29
 |

**Part B:**

Fill in the empty circle with the correct number to complete the trio.

**Part C:**

List down all the factors of the following numbers.

1. 18

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1. 54
2. 72
3. 55

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1. 50

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1. 12

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1. 36
2. 42
3. 63

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**Part D:**

Identify the unknown values. Then, determine the secret message by matching the answer to its corresponding letter.

1. 4 x A = 16
2. E x 19 = 19
3. Y x 8 = 40
4. 2 x U = 6
5. 6 x S = 36
6. O x 7 = 56
7. R x 14 = 28
8. 3 x W = 21
9. M x 6 = 54

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| 5 | 8 | 3 |  |  |  |  |
|  |  |  |  |  |  |  |
| 4 | 2 | 1 |  |  |  |  |
|  |  |  |  |  |  |  |
| 4 | 7 | 1 | 6 | 8 | 9 | 1 |

Never forget that!