

Multiplication and Division within 100 - Guided Lesson Explanation**Explanation # 1**

i) First multiply the lower number to the number at ones place.

$3 \times 2 = 6$ Write 6 in the ones place for your answer.

Multiply the lower number to the number in the tens place.

$2 \times 1 = 2$ Write 2 in the tens place for your answer.

So, result is 26

Step 2 ii) 4×8

Remember your times tables for 4. You can also look at it like repeated addition. $4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = 32$

$4 \times 8 = 32$

So, result is 32

Explanation # 2

i) Divide 48 by 8. Do repeated subtraction. Subtract 8 until you reach zero.

$$48 - 8 = 40$$

$$40 - 8 = 32$$

$$32 - 8 = 24$$

$$24 - 8 = 16$$

$$16 - 8 = 8$$

$$8 - 8 = 0$$

Count how many times you subtracted 8. You subtracted 8 six times.

$$48 \div 8 = 6$$

So, the answer is 6



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ii) Divide 8 by 4. Use repeated subtraction. Subtract 4 until you reach zero.

$$8 - 4 = 4$$

$$4 - 4 = 0$$

Count how many times you subtracted 4. You subtracted 4 two times.

$$8 \div 4 = 2$$

So, the result is 2

Explanation # 3

i) Multiply the two numbers by recalling table of 3 for six times.

$$3 + 3 + 3 + 3 + 3 + 3 = 18 \quad \text{or} \quad 3 \times 6 = 18$$

Now divide 18 by 6.

Do repeated subtraction. Subtract by 6s until you reach zero.

$$18 - 6 = 12$$

$$12 - 6 = 6$$

$$6 - 6 = 0$$

Count how many times we subtracted 6. We subtracted 6 three times.

$$18 \div 6 = 3$$

The answer is 3

ii) Multiply the two numbers by using the times tables for 2.

$$2 \times 3 = 6 \quad \text{or} \quad 2 + 2 + 2 = 6$$

Now divide 6 by 6. We can use repeated subtraction. Subtract 6 until you reach zero.

$$6 - 6 = 0$$

Count how many times we subtracted 6. We subtracted 6 one time.

$$6 \div 6 = 1$$

