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## 2.NBT.B.5 Addition by Decomposing the Addends

2.NBT.B.5: Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or relationship between addition and subtraction.

This is how you find the sum of numbers by breaking apart the addends.

$$35 + 28 = ?$$
 $/ \setminus / \setminus$ 
 $30 + 5 + 20 + 8$ 

Add the tens.  $\implies 30 + 20 = 50$ Add the ones.  $\implies 5 + 8 = 13$ How many in all? 50 + 13 = 63Therefore 35 + 28 = 63.

Find the sum of these numbers by breaking apart the addends.

Add the tens. \_\_\_\_ + \_\_ = \_\_\_

Add the ones. \_\_\_\_ + \_\_ = \_\_\_

How many in all? \_\_\_ + \_\_ = \_\_\_

Therefore \_\_\_ + \_\_ = \_\_\_.

Find the sum of these numbers by breaking apart the addends.

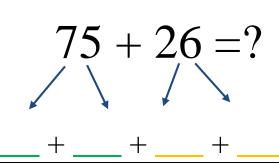
Add the tens. \_\_\_\_ + \_\_ = \_\_\_

Add the ones. \_\_\_ + \_\_ = \_\_\_

How many in all? \_\_\_ + \_\_ = \_\_\_

Therefore \_\_\_ + \_\_ = \_\_\_.

Find the sum of these numbers by breaking apart the addends.



Add the tens. \_\_\_\_ + \_\_ = \_\_\_

Add the ones. \_\_\_\_ + \_\_ = \_\_\_

How many in all? \_\_\_ + \_\_ = \_\_\_

Therefore \_\_\_ + \_\_ = \_\_\_.

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## 2.NBT.B.5 Addition by Decomposing the Addends

**Answer Key** 

2.NBT.B.5: Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or relationship between addition and subtraction.

This is how you find the sum of numbers by breaking apart the addends.

$$35 + 28 = ?$$
 $/ \setminus / \setminus$ 
 $30 + 5 + 20 + 8$ 

Add the tens. 
$$\implies$$
 30 + 20 = 50

Add the ones.  $\longrightarrow$  5 + 8 = 13

How many in all? 50 + 13 = 63

Therefore 35 + 28 = 63.

This is how you find the sum of numbers by breaking apart the addends.

$$45 + 26 = ?$$
 $40 + 5 + 20 + 6$ 

Add the tens. 
$$\implies \underline{40} + \underline{20} = \underline{60}$$

Add the ones.  $\implies \underline{5} + \underline{6} = \underline{11}$ 

How many in all?  $\underline{60} + \underline{11} = \underline{71}$ 

Therefore 45 + 26 = 71.

This is how you find the sum of numbers by breaking apart the addends.

Add the tens. 
$$\implies \underline{30} + \underline{10} = \underline{40}$$

Add the ones.  $\longrightarrow$  9 + 8 = 17

How many in all?  $\frac{40}{17} + \frac{17}{17} = \frac{57}{12}$ 

Therefore 39 + 18 = 57.

This is how you find the sum of numbers by breaking apart the addends.

$$75 + 26 = ?$$
 $/ \setminus / \setminus$ 
 $70 + 5 + 20 + 6$ 

Add the tens. 
$$\longrightarrow$$
  $\underline{70} + \underline{20} = \underline{90}$ 

Add the ones.  $\longrightarrow$   $\underline{5} + \underline{6} = \underline{11}$ 

How many in all? 90 + 11 = 101

Therefore  $\frac{75}{100} + \frac{26}{100} = \frac{101}{100}$ .