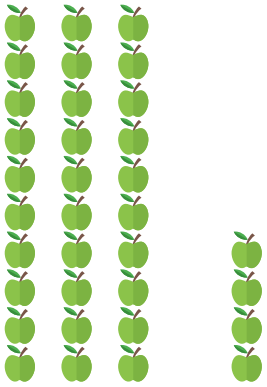
2-DIGIT NUMBERS

A BUILDING NUMBERS

A.1 COUNTING FRUITS IN A TABLE

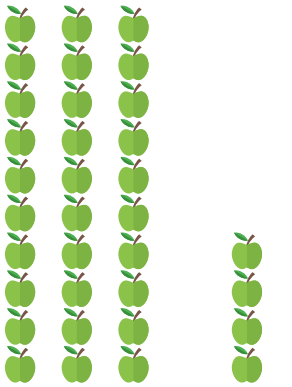
Ex 1:



The number of apples is

Tens	Ones
3	4

Answer:

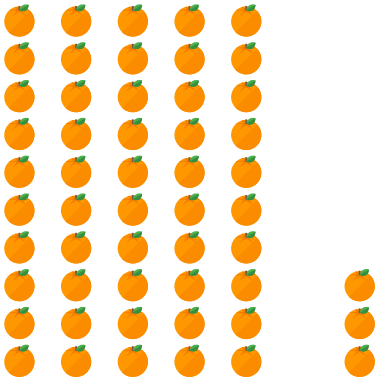


3 tens 4 ones

The number of apples is

Tens	Ones
3	4

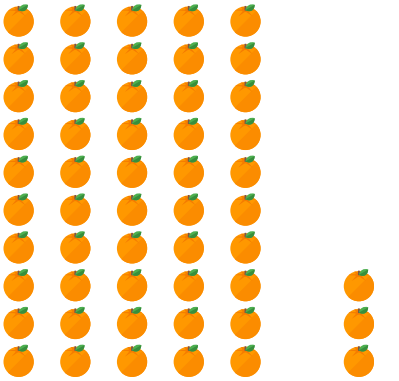
Ex 2:



The number of oranges is

Tens	Ones
5	3

Answer:

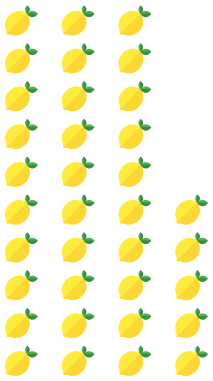


5 tens 3 ones

The number of oranges is

Tens	Ones
5	3

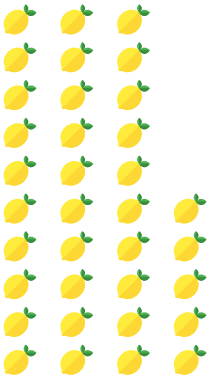
Ex 3:



The number of lemons is

Tens	Ones
3	5

Answer:

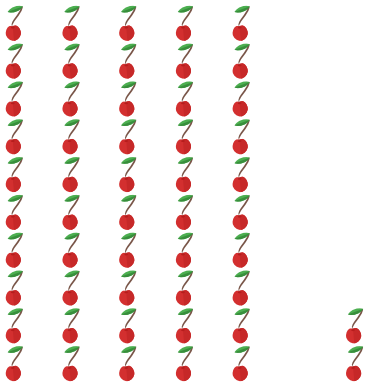


3 tens 5 ones

The number of lemons is

Tens	Ones
3	5

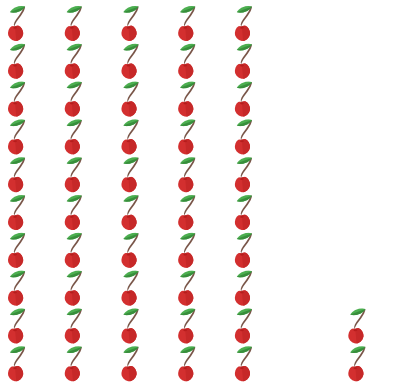
Ex 4:



The number of cherries is

Tens	Ones
5	2

Answer:

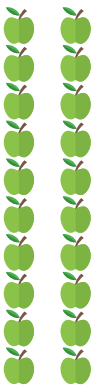


5 tens 2 ones

The number of cherries is

Tens	Ones
5	2

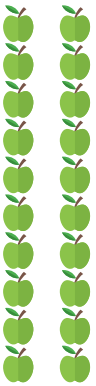
Ex 5:



The number of apples is

Tens	Ones
2	0

Answer:

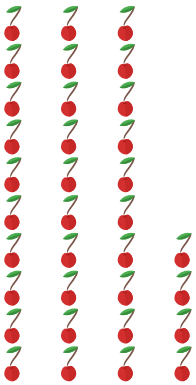


2 tens 0 ones

The number of apples is

Tens	Ones
2	0

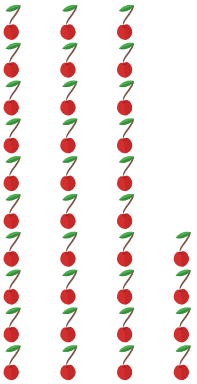
Ex 6:



The number of cherries is

Tens	Ones
3	4

Answer:



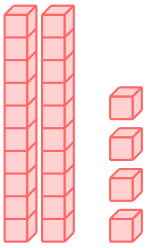
3 tens 4 ones

The number of cherries is

Tens	Ones
3	4

A.2 COUNTING CUBES IN A TABLE

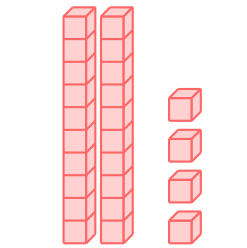
Ex 7:



The number of cubes is

Tens	Ones
2	4

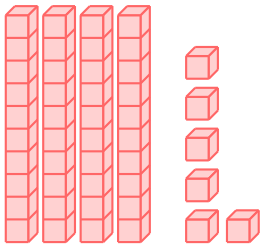
Answer:



The number of cubes is

Tens	Ones
2	4

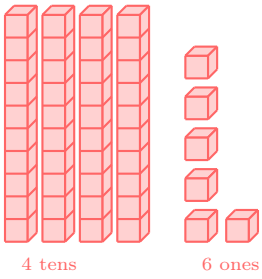
Ex 8:



The number of cubes is

Tens	Ones
4	6

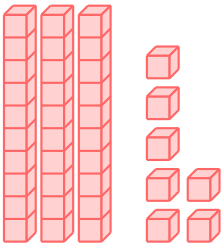
Answer:



The number of cubes is

Tens	Ones
4	6

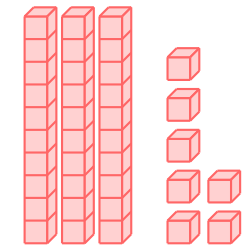
Ex 9:



The number of cubes is

Tens	Ones
3	7

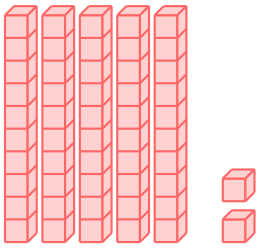
Answer:



The number of cubes is

Tens	Ones
3	7

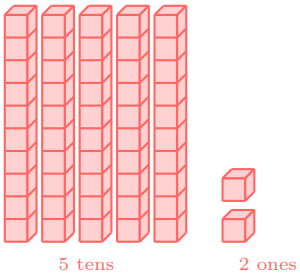
Ex 10:



The number of cubes is

Tens	Ones
5	2

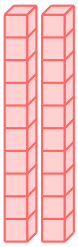
Answer:



The number of cubes is

Tens	Ones
5	2

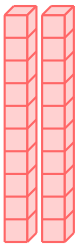
Ex 11:



The number of cubes is

Tens	Ones
2	0

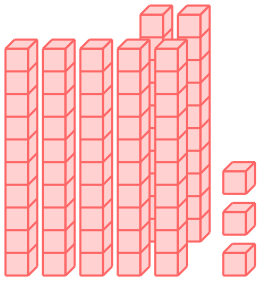
Answer:



The number of cubes is

Tens	Ones
2	0

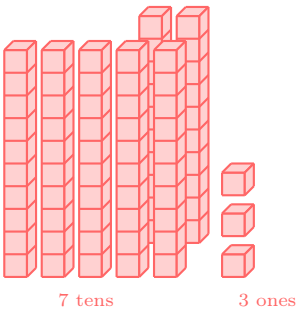
Ex 12:



The number of cubes is

Tens	Ones
7	3

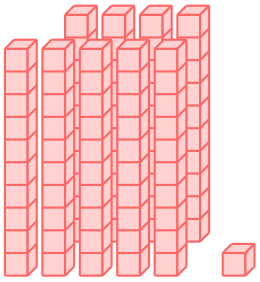
Answer:



The number of cubes is

Tens	Ones
7	3

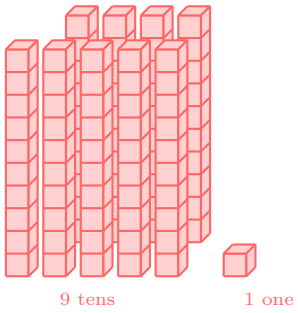
Ex 13:



The number of cubes is

Tens	Ones
9	1

Answer:

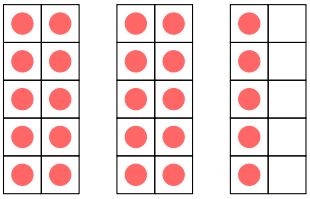


The number of cubes is

Tens	Ones
9	1

A.3 COUNTING CIRCLES IN A TABLE

Ex 14:



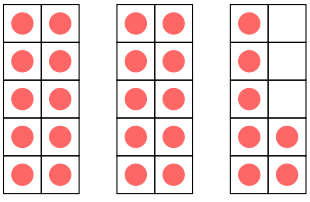
The number of circles is

Tens	Ones
2	5

Answer: The number of circles is

Tens	Ones
2	5

Ex 15:



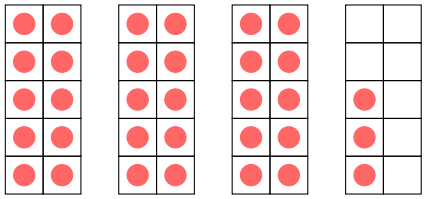
The number of circles is

Tens	Ones
2	7

Answer: The number of circles is

Tens	Ones
2	7

Ex 16:



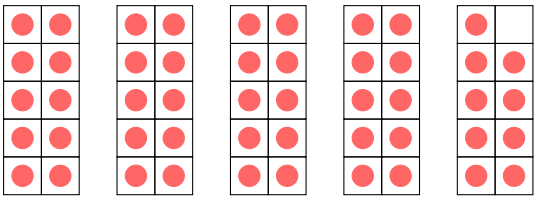
The number of circles is

Tens	Ones
3	3

Answer: The number of circles is

Tens	Ones
3	3

Ex 17:



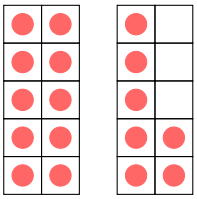
The number of circles is

Tens	Ones
4	9

Answer: The number of circles is

Tens	Ones
4	9

Ex 18:



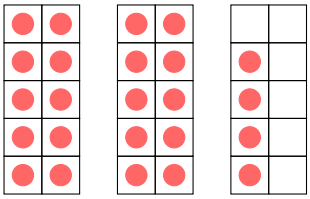
The number of circles is

Tens	Ones
1	7

Answer: The number of circles is

Tens	Ones
1	7

Ex 19:



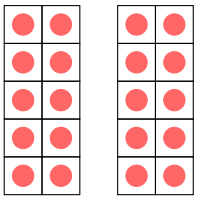
The number of circles is

Tens	Ones
2	4

Answer: The number of circles is

Tens	Ones
2	4

Ex 20:



The number of circles is

Tens	Ones
2	0

Answer: The number of circles is

Tens	Ones
2	0

A.4 FINDING THE DIGIT

Ex 21: The digit in the tens place of 35 is $\boxed{3}$.

Answer:

- 35 is

Tens	Ones
3	5

.

- The digit in the tens place of 35 is 3.

Ex 22: The digit in the tens place of 67 is $\boxed{6}$.

Answer:

- 67 is

Tens	Ones
6	7

.

- The digit in the tens place of 67 is 6.

Ex 23: The digit in the ones place of 85 is $\boxed{5}$.

Answer:

- 85 is

Tens	Ones
8	5

.

- The digit in the ones place of 85 is 5.

Ex 24: The digit in the tens place of 92 is $\boxed{9}$.

Answer:

- 92 is

Tens	Ones
9	2

.

- The digit in the tens place of 92 is 9.

Ex 25: The digit in the tens place of 46 is $\boxed{4}$.

Answer:

- 46 is

Tens	Ones
4	6

.

- The digit in the tens place of 46 is 4.

Ex 26: The digit in the ones place of 78 is $\boxed{8}$.

Answer:

- 78 is

Tens	Ones
7	8

.

- The digit in the ones place of 78 is 8.

Ex 27: The digit in the ones place of 40 is $\boxed{0}$.

Answer:

- 40 is

Tens	Ones
4	0

.

- The digit in the ones place of 40 is 0.

A.5 WRITING NUMBERS FROM TENS AND ONES

Ex 28:

$$2 \text{ tens} + 8 \text{ ones} = \boxed{28}$$

Answer: $2 \text{ tens} + 8 \text{ ones} = 28$

Ex 29:

$$4 \text{ tens} + 6 \text{ ones} = \boxed{46}$$

Answer: $4 \text{ tens} + 6 \text{ ones} = 46$

Ex 30:

$$3 \text{ tens} + 9 \text{ ones} = \boxed{39}$$

Answer: $3 \text{ tens} + 9 \text{ ones} = 39$

Ex 31:

$$5 \text{ tens} + 7 \text{ ones} = \boxed{57}$$

Answer: $5 \text{ tens} + 7 \text{ ones} = 57$

Ex 32:

$$6 \text{ tens} + 2 \text{ ones} = \boxed{62}$$

Answer: $6 \text{ tens} + 2 \text{ ones} = 62$

Ex 33:

$$3 \text{ tens} = \boxed{30}$$

Answer: $3 \text{ tens} + 0 \text{ ones} = 30$

Ex 34:

$$5 \text{ tens} = \boxed{50}$$

Answer: $5 \text{ tens} + 0 \text{ ones} = 50$

A.6 WRITING NUMBERS FROM TENS AND ONES

Ex 35:

$$60 + 4 = \boxed{64}$$

Answer: $60 + 4 = 6 \text{ tens} + 4 \text{ ones} = 64$

Ex 36:

$$30 + 9 = \boxed{39}$$

Answer: $30 + 9 = 3 \text{ tens} + 9 \text{ ones} = 39$

Ex 37:

$$20 + 8 = \boxed{28}$$

Answer: $20 + 8 = 2 \text{ tens} + 8 \text{ ones} = 28$

Ex 38:

$$40 + 6 = \boxed{46}$$

Answer: $40 + 6 = 4 \text{ tens} + 6 \text{ ones} = 46$

Ex 39:

$$30 + 8 = \boxed{38}$$

Answer: $30 + 8 = 3 \text{ tens} + 8 \text{ ones} = 38$

Ex 40:

$$50 + 7 = \boxed{57}$$

Answer: $50 + 7 = 5 \text{ tens} + 7 \text{ ones} = 57$

A.7 BREAKING DOWN NUMBERS INTO TENS AND ONES

Ex 41:

$$52 = \boxed{5} \text{ tens} + \boxed{2} \text{ ones}$$

Answer: $52 = 50 + 2 = 5 \text{ tens} + 2 \text{ ones}$

Ex 42:

$$63 = \boxed{6} \text{ tens} + \boxed{3} \text{ ones}$$

Answer: $63 = 60 + 3 = 6 \text{ tens} + 3 \text{ ones}$

Ex 43:

$$47 = \boxed{4} \text{ tens} + \boxed{7} \text{ ones}$$

Answer: $47 = 40 + 7 = 4 \text{ tens} + 7 \text{ ones}$

Ex 44:

$$29 = \boxed{2} \text{ tens} + \boxed{9} \text{ ones}$$

Answer: $29 = 20 + 9 = 2 \text{ tens} + 9 \text{ ones}$

Ex 45:

$$38 = \boxed{3} \text{ tens} + \boxed{8} \text{ ones}$$

Answer: $38 = 30 + 8 = 3$ tens $+ 8$ ones

Ex 46:

$$46 \text{ ones} = \boxed{4} \text{ tens} + \boxed{6} \text{ ones}$$

Answer: 46 ones $= 40 + 6 = 4$ tens $+ 6$ ones

Ex 47:

$$50 \text{ ones} = \boxed{5} \text{ tens} + \boxed{0} \text{ ones}$$

Answer: 50 ones $= 5$ tens $+ 0$ ones

Ex 48:

$$39 \text{ ones} = \boxed{3} \text{ tens} + \boxed{9} \text{ ones}$$

Answer: 39 ones $= 30 + 9 = 3$ tens $+ 9$ ones

A.8 WRITING NUMBERS FROM WORDS

Ex 49:

$$\text{Forty two} = \boxed{42}$$

Answer:

$$\begin{aligned}\text{Forty two} &= 40 + 2 \\ &= 4 \text{ tens } + 2 \text{ ones} \\ &= 42\end{aligned}$$

Ex 50:

$$\text{Thirty three} = \boxed{33}$$

Answer:

$$\begin{aligned}\text{Thirty three} &= 30 + 3 \\ &= 3 \text{ tens } + 3 \text{ ones} \\ &= 33\end{aligned}$$

Ex 51:

$$\text{Twenty one} = \boxed{21}$$

Answer:

$$\begin{aligned}\text{Twenty one} &= 20 + 1 \\ &= 2 \text{ tens } + 1 \text{ one} \\ &= 21\end{aligned}$$

Ex 52:

$$\text{Fifty six} = \boxed{56}$$

Answer:

$$\begin{aligned}\text{Fifty six} &= 50 + 6 \\ &= 5 \text{ tens } + 6 \text{ ones} \\ &= 56\end{aligned}$$

Ex 53:

$$\text{Seventy nine} = \boxed{79}$$

Answer:

$$\begin{aligned}\text{Seventy nine} &= 70 + 9 \\ &= 7 \text{ tens } + 9 \text{ ones} \\ &= 79\end{aligned}$$

Ex 54:

$$\text{Eighty four} = \boxed{84}$$

Answer:

$$\begin{aligned}\text{Eighty four} &= 80 + 4 \\ &= 8 \text{ tens } + 4 \text{ ones} \\ &= 84\end{aligned}$$

Ex 55:

$$\text{Ninety seven} = \boxed{97}$$

Answer:

$$\begin{aligned}\text{Ninety seven} &= 90 + 7 \\ &= 9 \text{ tens } + 7 \text{ ones} \\ &= 97\end{aligned}$$

Ex 56:

$$\text{Fifty} = \boxed{50}$$

Answer:

$$\begin{aligned}\text{Fifty} &= 50 \\ &= 5 \text{ tens } + 0 \text{ ones} \\ &= 50\end{aligned}$$

A.9 GROUPING BY TENS

Ex 57: A farmer has 70 apples.
The apples can be put into $\boxed{7}$ groups of 10

Answer: $70 = 7$ tens $= 7$ groups of 10

Ex 58: A librarian has 50 books.
The books can be put into $\boxed{5}$ groups of 10

Answer: $50 = 5$ tens $= 5$ groups of 10

Ex 59: A jeweler has 90 gems.
The gems can be put into $\boxed{9}$ groups of 10.

Answer: $90 = 9$ tens $= 9$ groups of 10

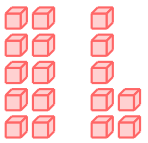
Ex 60: A baker has 40 loaves of bread.
The loaves of bread can be put into $\boxed{4}$ groups of 10.

Answer: $40 = 4$ tens $= 4$ groups of 10

A.10 BREAKING DOWN INTO TENS AND ONES

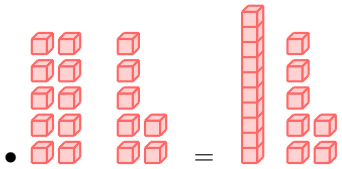
Ex 61: Write the answers with single digit for the tens and the ones:

$$17 \text{ ones} = \boxed{1} \text{ ten} + \boxed{7} \text{ ones}$$



$=$

Answer:

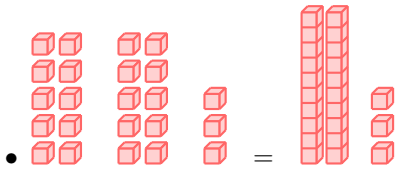


- 17 ones = 10 ones + 7 ones
  = 1 ten + 7 ones

Ex 62: Write the answers with single digit for the tens and the ones:

23 ones = $\boxed{2}$ tens + $\boxed{3}$ ones

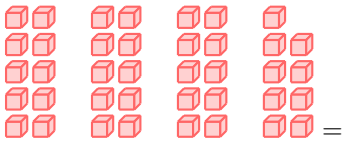
Answer:



- 23 ones = 20 ones + 3 ones
  = 2 tens + 3 ones

Ex 63: Write the answers with single digit for the tens and the ones:

39 ones = $\boxed{3}$ tens + $\boxed{9}$ ones

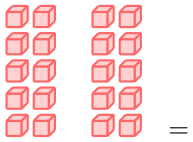


Answer:

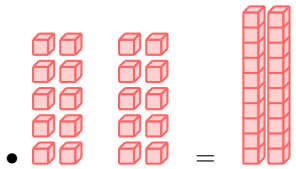
- 39 ones = 30 ones + 9 ones
  = 3 tens + 9 ones

Ex 64: Write the answers with single digit for the tens and the ones:

20 ones = $\boxed{2}$ tens + $\boxed{0}$ ones



Answer:



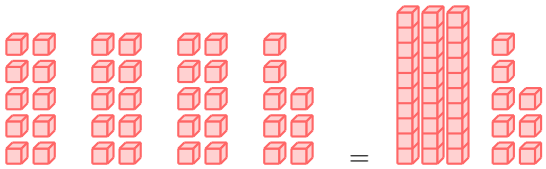
- 20 ones = 20 ones + 0 ones
  = 2 tens + 0 ones

Ex 65: Write the answers with a single digit for the tens and the ones:

38 ones = $\boxed{3}$ tens + $\boxed{8}$ ones

Answer:

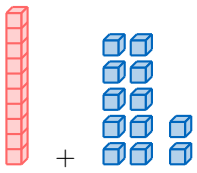
38 ones = 30 ones + 8 ones
= 3 tens + 8 ones



A.11 REGROUPING ONES INTO TENS AND ADDING THE EXTRA TENS

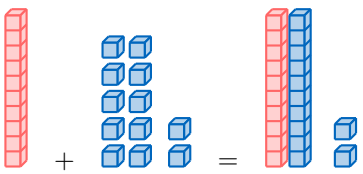
Ex 66: Write the answers with single digits for the tens and the ones:

1 ten + 12 ones = $\boxed{2}$ tens + $\boxed{2}$ ones



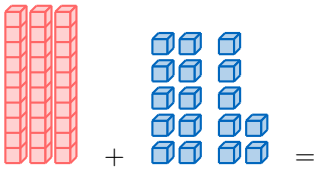
Answer:

1 ten + 12 ones = 1 ten + 1 ten + 2 ones
1 ten + 12 ones = 2 tens + 2 ones



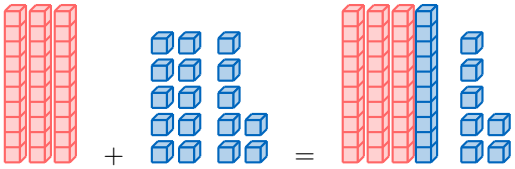
Ex 67: Write the answers with single digit for the tens and the ones:

3 tens + 17 ones = $\boxed{4}$ tens + $\boxed{7}$ ones



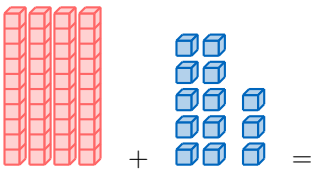
Answer:

3 tens + 17 ones = 3 tens + 1 ten + 7 ones
3 tens + 17 ones = 4 tens + 7 ones



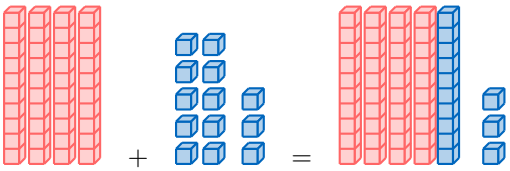
Ex 68: Write the answers with single digit for the tens and the ones:

4 tens + 13 ones = $\boxed{5}$ tens + $\boxed{3}$ ones



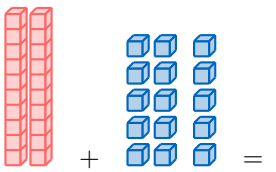
Answer:

4 tens + 13 ones = 4 tens + 1 ten + 3 ones
4 tens + 13 ones = 5 tens + 3 ones



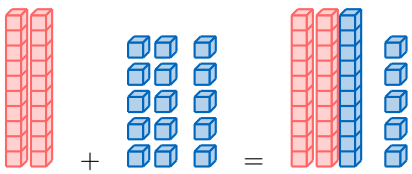
Ex 69: Write the answers with single digit for the tens and the ones:

2 tens + 15 ones = $\boxed{3}$ tens + $\boxed{5}$ ones



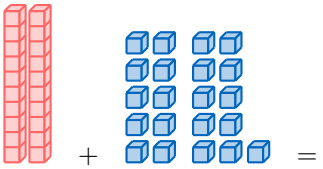
Answer:

2 tens + 15 ones = 2 tens + 1 ten + 5 ones
2 tens + 15 ones = 3 tens + 5 ones



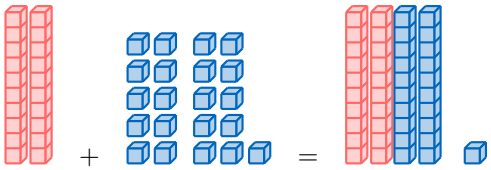
Ex 70: Write the answers with single digit for the tens and the ones:

2 tens + 21 ones = $\boxed{4}$ tens + $\boxed{1}$ ones



Answer:

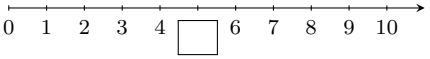
2 tens + 21 ones = 2 tens + 2 tens + 1 one
= 4 tens + 1 one



B ON THE NUMBER LINE

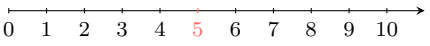
B.1 FINDING NUMBERS

Ex 71:

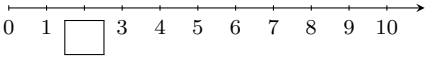


The missing number is $\boxed{5}$.

Answer: The missing number is 5.

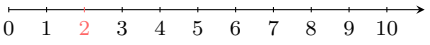


Ex 72:

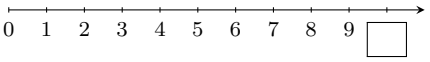


The missing number is $\boxed{2}$.

Answer: The missing number is 2.

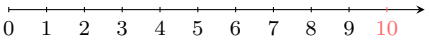


Ex 73:

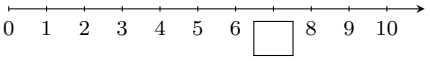


The missing number is $\boxed{10}$.

Answer: The missing number is 10.

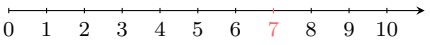


Ex 74:



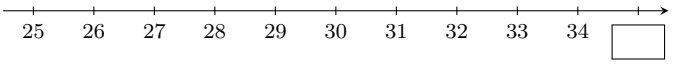
The missing number is $\boxed{7}$.

Answer: The missing number is 7.



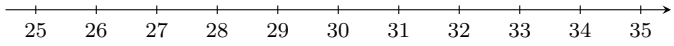
B.2 FINDING NUMBERS

Ex 75:

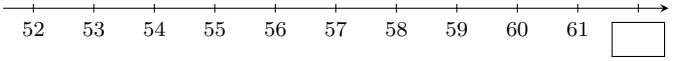


The missing number is $\boxed{35}$.

Answer: The missing number is 35.

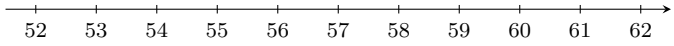


Ex 76:

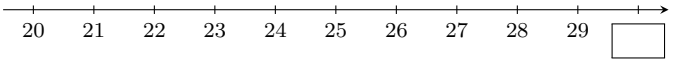


The missing number is $\boxed{62}$.

Answer: The missing number is 62.

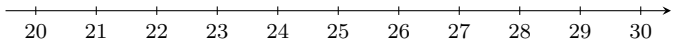


Ex 77:

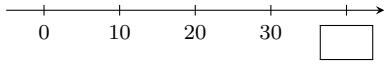


The missing number is $\boxed{30}$.

Answer: The missing number is 30.

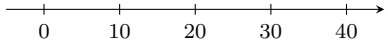


Ex 78:

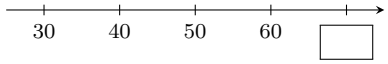


The missing number is $\boxed{40}$.

Answer: The missing number is 40.

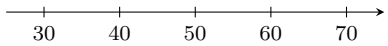


Ex 79:

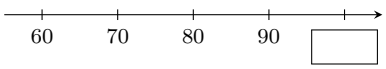


The missing number is $\boxed{70}$.

Answer: The missing number is 70.



Ex 80:



The missing number is $\boxed{100}$.

Answer: The missing number is 100.