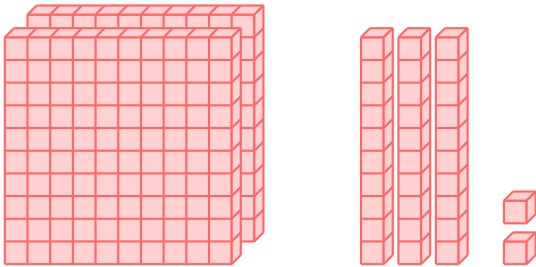


3-DIGIT NUMBERS

A BUILDING NUMBERS

A.1 COUNTING CUBES IN A TABLE

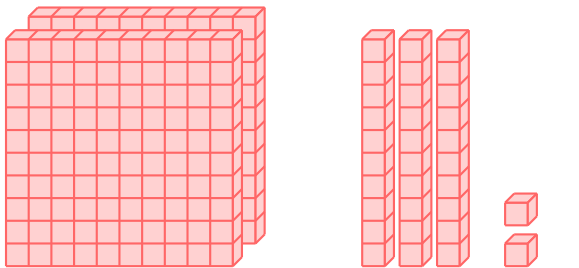
Ex 1:



The number of cubes is

Hundreds	Tens	Ones
2	3	2

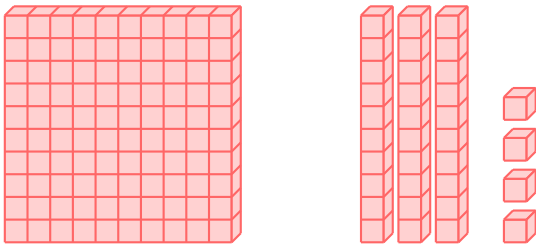
Answer:



- 2 hundreds
- 3 tens
- 2 ones
- The number of cubes is

Hundreds	Tens	Ones
2	3	2

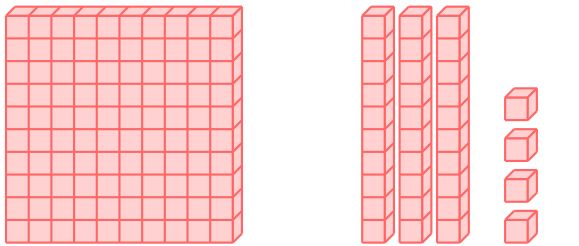
Ex 2:



The number of cubes is

Hundreds	Tens	Ones
1	3	4

Answer:

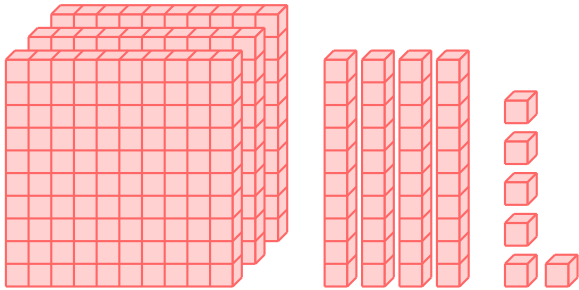


- 1 hundred
- 3 tens
- 4 ones

- The number of cubes is

Hundreds	Tens	Ones
1	3	4

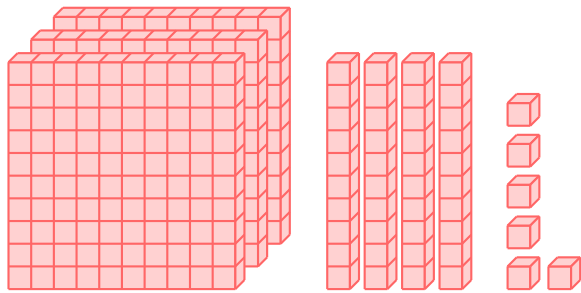
Ex 3:



The number of cubes is

Hundreds	Tens	Ones
3	4	6

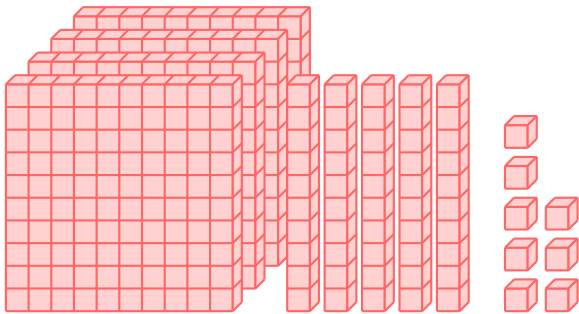
Answer:



- 3 hundreds
- 4 tens
- 6 ones
- The number of cubes is

Hundreds	Tens	Ones
3	4	6

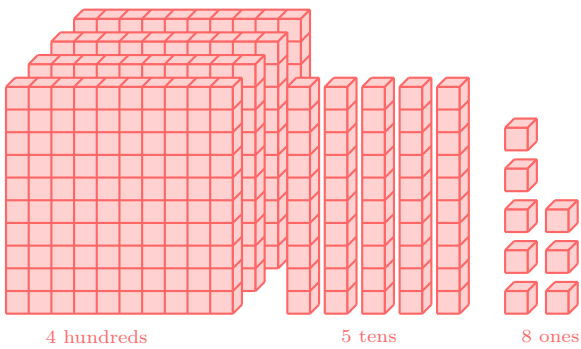
Ex 4:



The number of cubes is

Hundreds	Tens	Ones
4	5	8

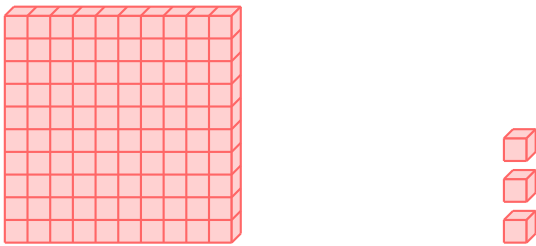
Answer:



- 4 hundreds
- 5 tens
- 8 ones
- The number of cubes is

Hundreds	Tens	Ones
4	5	8

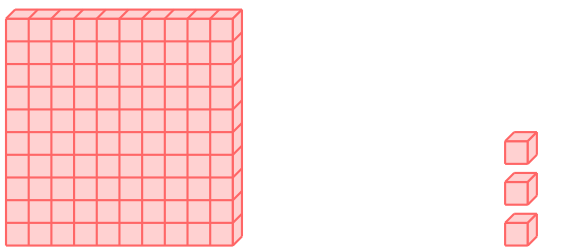
Ex 5:



The number of cubes is

Hundreds	Tens	Ones
1	0	3

Answer:



- 1 hundred
- 0 tens
- 3 ones
- The number of cubes is

Hundreds	Tens	Ones
1	0	3

A.2 WRITING NUMBERS FROM HUNDREDS, TENS AND ONES

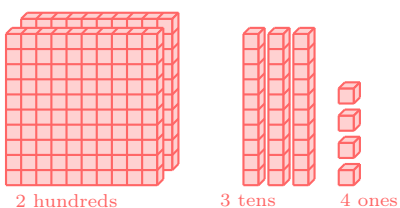
Ex 6:

Hundreds	Tens	Ones
2	3	4

The number is 234.

Answer:

- The number is 234.



- 2 hundreds
- 3 tens
- 4 ones

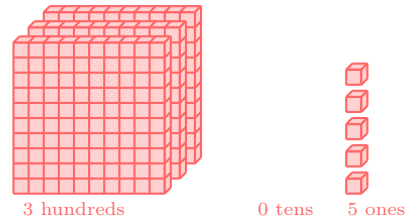
Ex 7:

Hundreds	Tens	Ones
3	0	5

The number is 305.

Answer:

- The number is 305.



- 3 hundreds
- 0 tens
- 5 ones

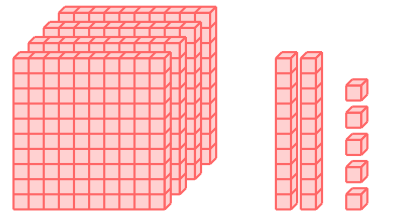
Ex 8:

Hundreds	Tens	Ones
4	2	5

The number is 425.

Answer:

- The number is 425.



- 4 hundreds
- 2 tens
- 5 ones

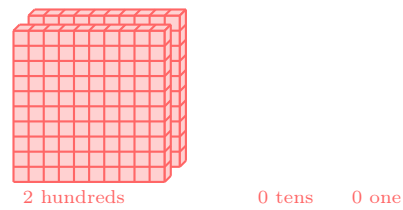
Ex 9:

Hundreds	Tens	Ones
2	0	0

The number is 200.

Answer:

- The number is 200.



- 2 hundreds
- 0 tens
- 0 one

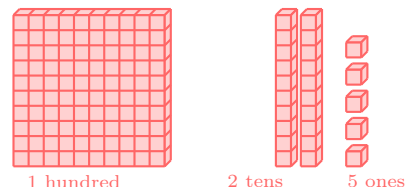
Ex 10:

Hundreds	Tens	Ones
1	2	5

The number is 125.

Answer:

- The number is 125.



- 1 hundred
- 2 tens
- 5 ones

A.3 FINDING THE DIGIT

Ex 11: The digit in the tens place of 235 is 3.

Answer:

- 235 is

Hundreds	Tens	Ones
2	3	5
- The digit in the tens place of 235 is 3.

Ex 12: The digit in the hundreds place of 472 is 4.

Answer:

- 472 is

Hundreds	Tens	Ones
4	7	2
- The digit in the hundreds place of 472 is 4.

Ex 13: The digit in the ones place of 819 is 9.

Answer:

- 819 is

Hundreds	Tens	Ones
8	1	9
- The digit in the ones place of 819 is 9.

Ex 14: The digit in the tens place of 546 is 4.

Answer:

- 546 is

Hundreds	Tens	Ones
5	4	6
- The digit in the tens place of 546 is 4.

Ex 15: The digit in the hundreds place of 938 is 9.

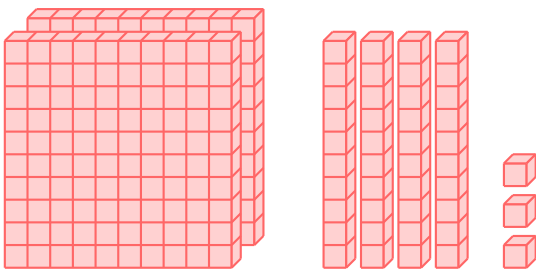
Answer:

- 938 is

Hundreds	Tens	Ones
9	3	8
- The digit in the hundreds place of 938 is 9.

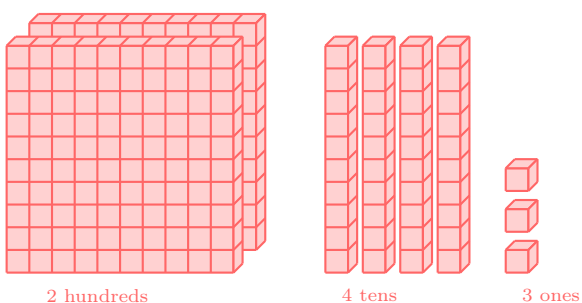
A.4 COUNTING CUBES

Ex 16:



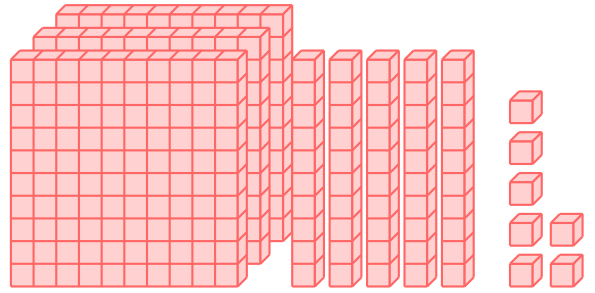
The number of cubes is 243.

Answer:



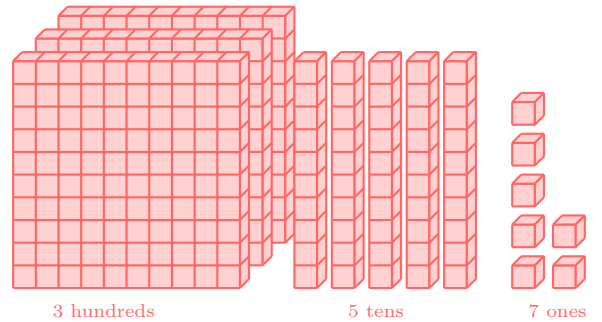
The number of cubes is 243.

Ex 17:



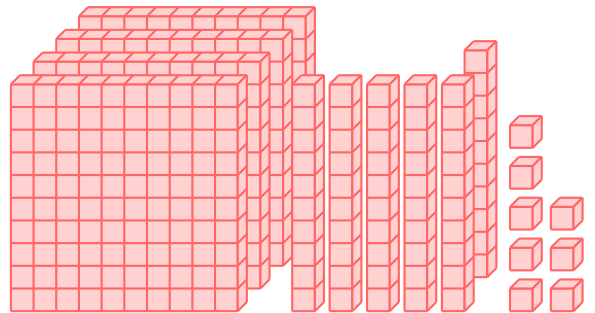
The number of cubes is 357.

Answer:



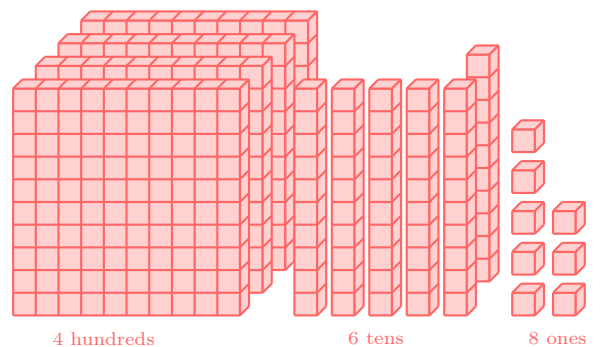
The number of cubes is 357.

Ex 18:



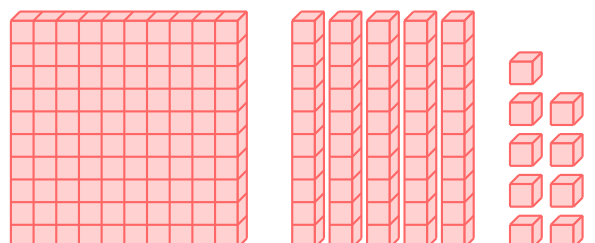
The number of cubes is 468.

Answer:



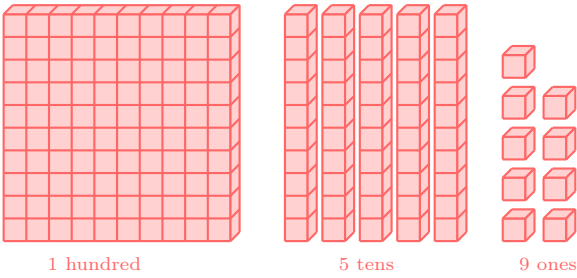
The number of cubes is 468.

Ex 19:



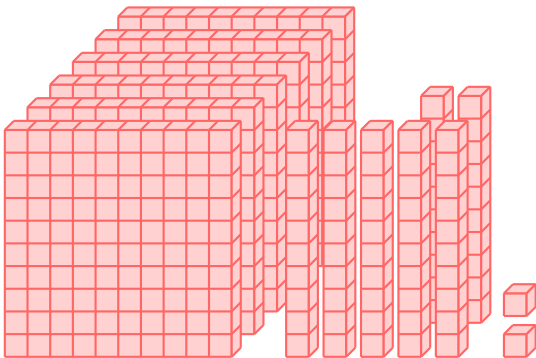
The number of cubes is 159.

Answer:



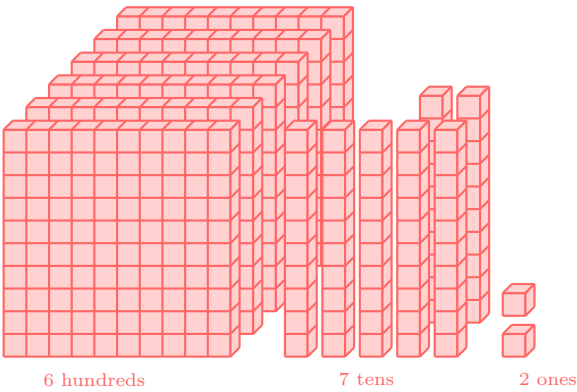
The number of cubes is 159.

Ex 20:



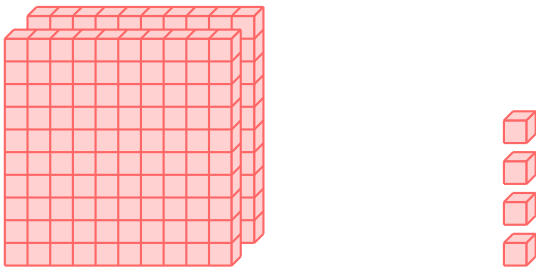
The number of cubes is 672.

Answer:



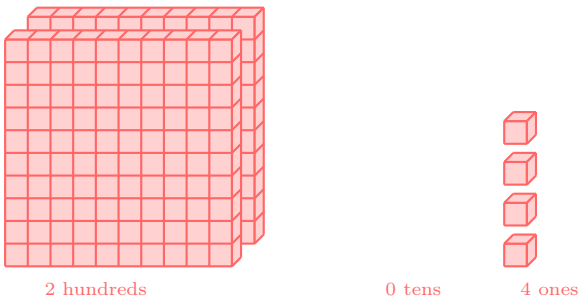
The number of cubes is 672.

Ex 21:



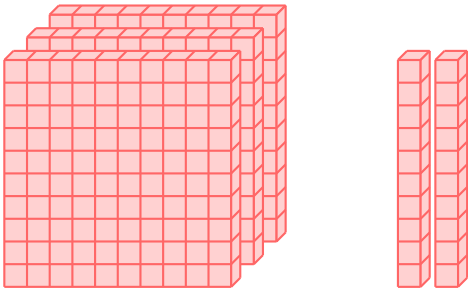
The number of cubes is 204.

Answer:



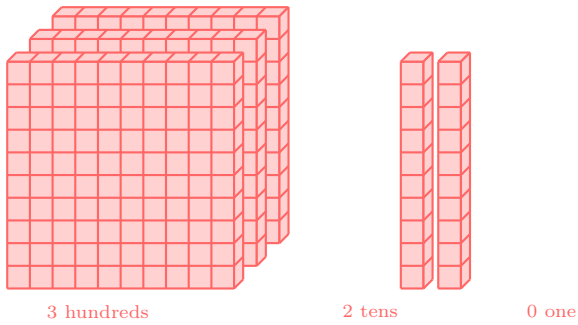
The number of cubes is 204.

Ex 22:



The number of cubes is 320.

Answer:



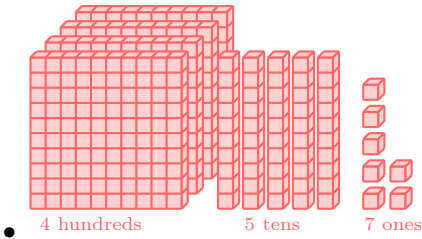
The number of cubes is 320.

A.5 WRITING NUMBERS FROM HUNDREDS, TENS AND ONES

Ex 23: 4 hundreds + 5 tens + 7 ones = 457

Answer:

• 4 hundreds + 5 tens + 7 ones = 457



Ex 24: 6 hundreds + 3 tens + 9 ones = 639

Answer:

• 6 hundreds + 3 tens + 9 ones = 639



A.6 WRITING NUMBERS FROM HUNDREDS, TENS AND ONES

Ex 29: $300 + 20 + 8 = \boxed{328}$

Answer: $300 + 20 + 8 = 3 \text{ hundreds} + 2 \text{ tens} + 8 \text{ ones}$
 $= 328$

Ex 30: $400 + 50 + 7 = \boxed{457}$

Answer: $400 + 50 + 7 = 4 \text{ hundreds} + 5 \text{ tens} + 7 \text{ ones}$
 $= 457$

Ex 31: $600 + 30 + 9 = \boxed{639}$

Answer: $600 + 30 + 9 = 6 \text{ hundreds} + 3 \text{ tens} + 9 \text{ ones}$
 $= 639$

Ex 32: $200 + 40 + 6 = \boxed{246}$

Answer: $200 + 40 + 6 = 2 \text{ hundreds} + 4 \text{ tens} + 6 \text{ ones}$
 $= 246$

Ex 33: $500 + 70 + 5 = \boxed{575}$

Answer: $500 + 70 + 5 = 5 \text{ hundreds} + 7 \text{ tens} + 5 \text{ ones}$
 $= 575$

Ex 34: $700 + 60 + 4 = \boxed{764}$

Answer: $700 + 60 + 4 = 7 \text{ hundreds} + 6 \text{ tens} + 4 \text{ ones}$
 $= 764$

Ex 35: $200 + 50 = \boxed{250}$

Answer: $200 + 50 = 2 \text{ hundreds} + 5 \text{ tens} + 0 \text{ ones}$
 $= 250$

Ex 36: $300 + 4 = \boxed{304}$

Answer: $300 + 4 = 3 \text{ hundreds} + 0 \text{ tens} + 4 \text{ ones}$
 $= 304$

Ex 37: $400 + 70 = \boxed{470}$

Answer: $400 + 70 = 4 \text{ hundreds} + 7 \text{ tens} + 0 \text{ ones}$
 $= 470$

A.7 WRITING NUMBERS FROM WORDS

Ex 38: Three hundred forty-seven = $\boxed{347}$

Answer:

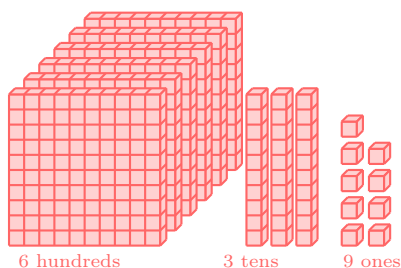
$$\begin{aligned} \text{Three hundred forty-seven} &= 300 + 40 + 7 \\ &= 3 \text{ hundreds} + 4 \text{ tens} + 7 \text{ ones} \\ &= 347 \end{aligned}$$

Ex 39: Five hundred sixty-two = $\boxed{562}$

Answer:

$$\begin{aligned} \text{Five hundred sixty-two} &= 500 + 60 + 2 \\ &= 5 \text{ hundreds} + 6 \text{ tens} + 2 \text{ ones} \\ &= 562 \end{aligned}$$

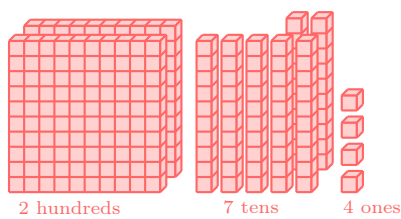
Ex 40: Seven hundred twenty-eight = $\boxed{728}$



Ex 25: 2 hundreds + 7 tens + 4 ones = $\boxed{274}$

Answer:

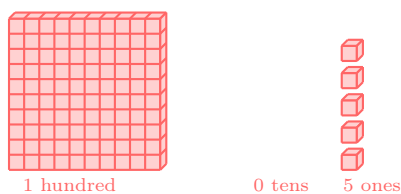
• 2 hundreds + 7 tens + 4 ones = 274



Ex 26: 1 hundred + 5 ones = $\boxed{105}$

Answer:

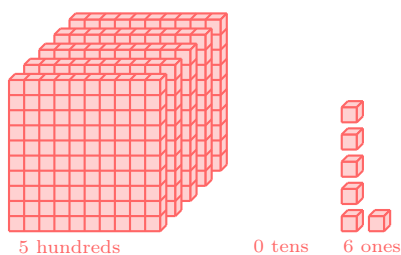
• 1 hundred + 5 ones = 1 hundred + 0 tens + 5 ones
 $= 105$



Ex 27: 5 hundreds + 0 tens + 6 ones = $\boxed{506}$

Answer:

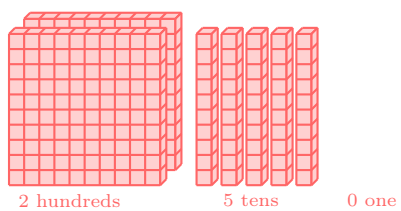
• 5 hundreds + 0 tens + 6 ones = 506



Ex 28: 2 hundreds + 5 tens = $\boxed{250}$

Answer:

• 2 hundreds + 5 tens + 0 ones = 250



Answer:

$$\begin{aligned}\text{Seven hundred twenty-eight} &= 700 + 20 + 8 \\ &= 7 \text{ hundreds} + 2 \text{ tens} + 8 \text{ ones} \\ &= 728\end{aligned}$$

Ex 41: Eight hundred nineteen = 819

Answer:

$$\begin{aligned}\text{Eight hundred nineteen} &= 800 + 19 \\ &= 800 + 10 + 9 \\ &= 8 \text{ hundreds} + 1 \text{ ten} + 9 \text{ ones} \\ &= 819\end{aligned}$$

Ex 42: Four hundred three = 403

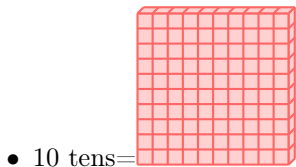
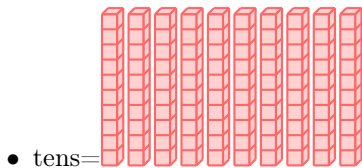
Answer:

$$\begin{aligned}\text{Four hundred three} &= 400 + 3 \\ &= 4 \text{ hundreds} + 0 \text{ tens} + 3 \text{ ones} \\ &= 403\end{aligned}$$

A.8 GROUPING AND REGROUPING

Ex 43: 10 tens = 1 hundred

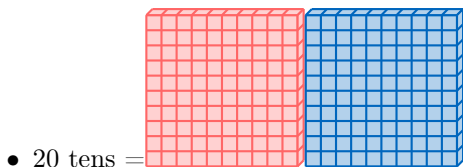
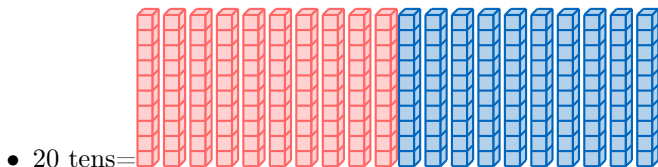
Answer:



• 10 tens = 1 hundred

Ex 44: 20 tens = 2 hundreds

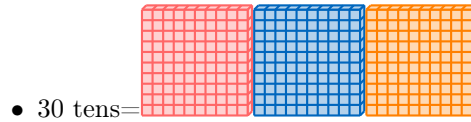
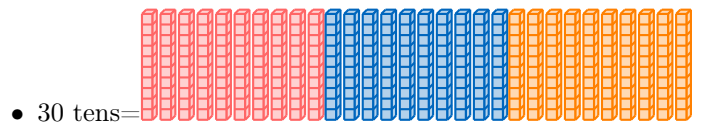
Answer:



• 20 tens = 2 hundreds

Ex 45: 30 tens = 3 hundreds

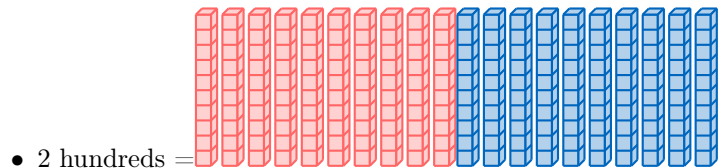
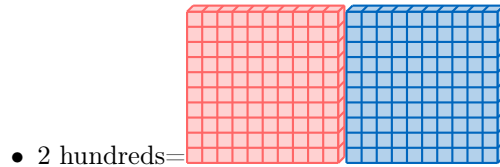
Answer:



• 30 tens = 3 hundreds

Ex 46: 2 hundreds = 20 tens

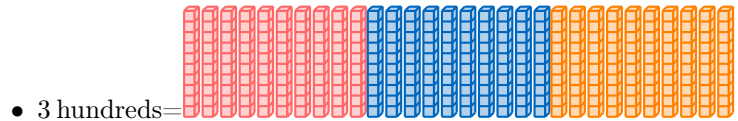
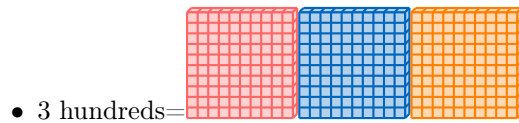
Answer:



• 2 hundreds = 20 tens

Ex 47: 3 hundreds = 30 tens

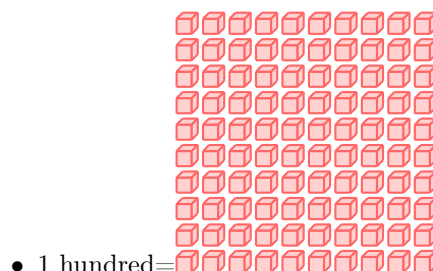
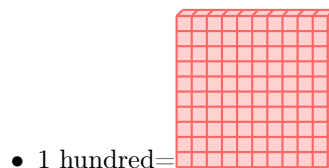
Answer:



• 3 hundreds = 30 tens

Ex 48: 1 hundred = 100 ones

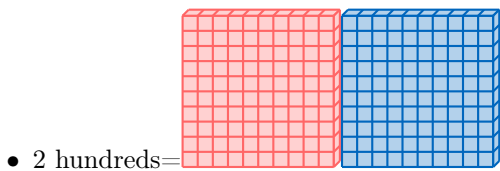
Answer:



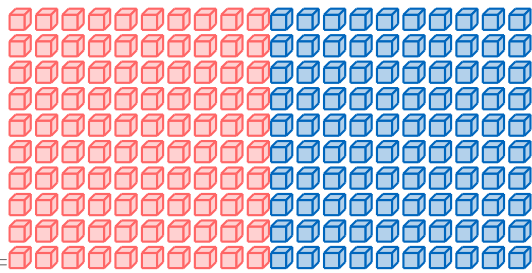
• 1 hundred = 100 ones

Ex 49: 2 hundreds = 200 ones

Answer:



- 2 hundreds =



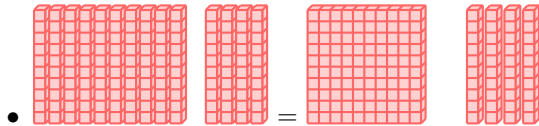
- 2 hundreds =
- 2 hundreds = 200 ones

A.9 BREAKING DOWN INTO HUNDREDS AND TENS

Ex 50: Write the answers with a single digit for the tens and the ones:

$$14 \text{ tens} = \boxed{1} \text{ hundred} + \boxed{4} \text{ tens}$$

Answer:

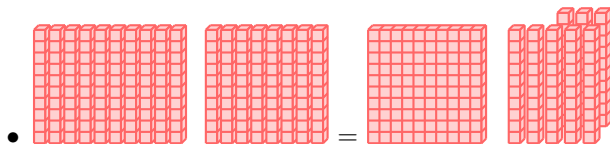


- 14 tens = 10 tens + 4 tens
= 1 hundred + 4 tens

Ex 51: Write the answers with a single digit for the tens and the ones:

$$18 \text{ tens} = \boxed{1} \text{ hundred} + \boxed{8} \text{ tens}$$

Answer:

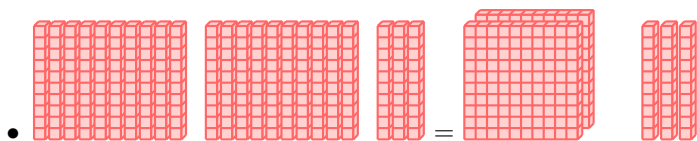


- 18 tens = 10 tens + 8 tens
= 1 hundred + 8 tens

Ex 52: Write the answers with a single digit for the tens and the ones:

$$23 \text{ tens} = \boxed{2} \text{ hundreds} + \boxed{3} \text{ tens}$$

Answer:

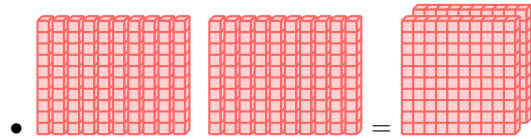


- 23 tens = 20 tens + 3 tens
= 2 hundreds + 3 tens

Ex 53: Write the answers with a single digit for the tens and the ones:

$$20 \text{ tens} = \boxed{2} \text{ hundreds} + \boxed{0} \text{ tens}$$

Answer:



- 20 tens = 20 tens + 0 tens
= 2 hundreds + 0 tens

A.10 REGROUPING TENS INTO HUNDREDS

Ex 54: Write the answers with single digits:

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

Answer:

$$\begin{aligned} 2 \text{ hundreds} + 15 \text{ tens} &= 2 \text{ hundreds} + 10 \text{ tens} + 5 \text{ tens} \\ &= 2 \text{ hundreds} + 1 \text{ hundred} + 5 \text{ tens} \\ &= 3 \text{ hundreds} + 5 \text{ tens} \end{aligned}$$

Ex 55: Write the answers with single digits:

$$3 \text{ hundreds} + 28 \text{ tens} = \boxed{5} \text{ hundreds} + \boxed{8} \text{ tens}$$

Answer:

$$\begin{aligned} 3 \text{ hundreds} + 28 \text{ tens} &= 3 \text{ hundreds} + 20 \text{ tens} + 8 \text{ tens} \\ &= 3 \text{ hundreds} + 2 \text{ hundreds} + 8 \text{ tens} \\ &= 5 \text{ hundreds} + 8 \text{ tens} \end{aligned}$$

Ex 56: Write the answers with single digits:

$$4 \text{ hundreds} + 31 \text{ tens} = \boxed{7} \text{ hundreds} + \boxed{1} \text{ tens}$$

Answer:

$$\begin{aligned} 4 \text{ hundreds} + 31 \text{ tens} &= 4 \text{ hundreds} + 30 \text{ tens} + 1 \text{ ten} \\ &= 4 \text{ hundreds} + 3 \text{ hundreds} + 1 \text{ ten} \\ &= 7 \text{ hundreds} + 1 \text{ ten} \end{aligned}$$

Ex 57: Write the answers with single digits:

$$2 \text{ hundreds} + 10 \text{ tens} = \boxed{3} \text{ hundreds} + \boxed{0} \text{ tens}$$

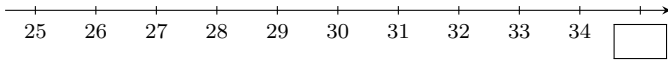
Answer:

$$\begin{aligned} 2 \text{ hundreds} + 10 \text{ tens} &= 2 \text{ hundreds} + 10 \text{ tens} \\ &= 2 \text{ hundreds} + 1 \text{ hundred} + 0 \text{ tens} \\ &= 3 \text{ hundreds} + 0 \text{ tens} \end{aligned}$$

B ON THE NUMBER LINE

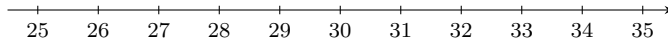
B.1 FINDING NUMBERS

Ex 58:

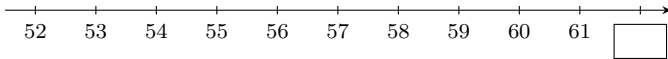


The missing number is **35**.

Answer: The missing number is 35.

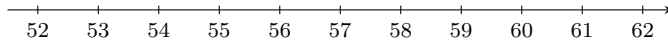


Ex 59:

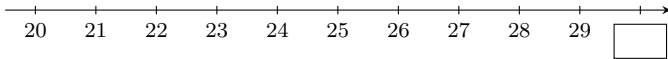


The missing number is **62**.

Answer: The missing number is 62.

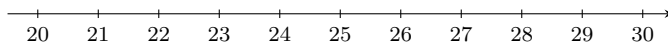


Ex 60:

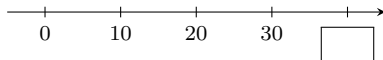


The missing number is **30**.

Answer: The missing number is 30.

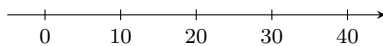


Ex 61:

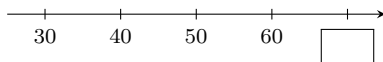


The missing number is **40**.

Answer: The missing number is 40.

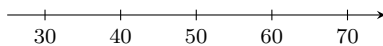


Ex 62:

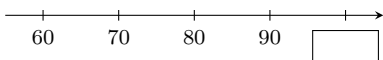


The missing number is **70**.

Answer: The missing number is 70.

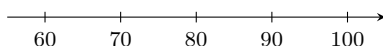


Ex 63:



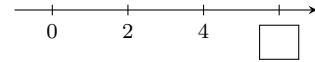
The missing number is **100**.

Answer: The missing number is 100.



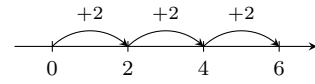
B.2 FINDING NUMBERS

Ex 64:

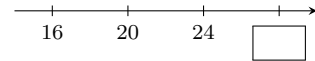


The missing number is **6**.

Answer: The missing number is 6.

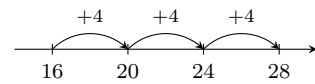


Ex 65:

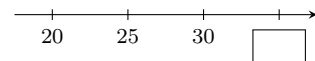


The missing number is **28**.

Answer: The missing number is 28.

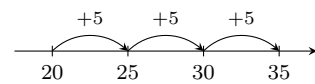


Ex 66:

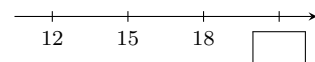


The missing number is **35**.

Answer: The missing number is 35.

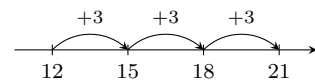


Ex 67:

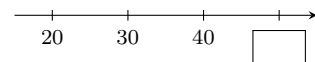


The missing number is **21**.

Answer: The missing number is 21.

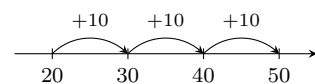


Ex 68:

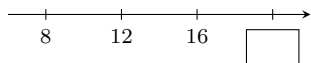


The missing number is **50**.

Answer: The missing number is 50.

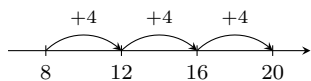


Ex 69:

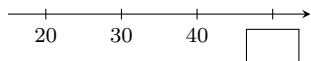


The missing number is 20.

Answer: The missing number is 20.



Ex 70:



The missing number is 50.

Answer: The missing number is 50.

