2nd Basic

3rd Advanced

Helping With Math

USA GRADES

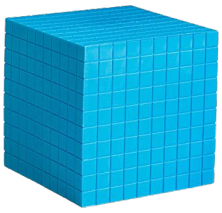
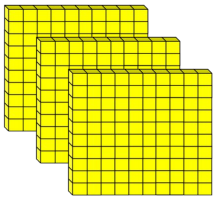
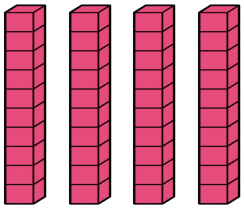
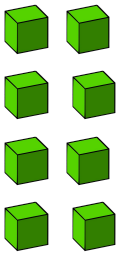
Hundreds and Thousands

Suitable for students **aged 6-8**

This pack is suitable for learners aged 6 - 8 years old or 2nd to 3rd graders (USA). The content covers fact files and relevant basic and advanced activities involving hundreds and thousands.

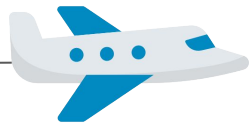
Place value helps us identify the value of each digit in a number. We may use the place value chart and the base-10 blocks to help us understand, represent, and identify the place value and the value of each digit in a number.

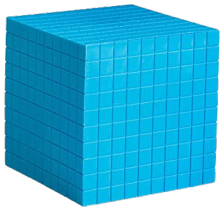
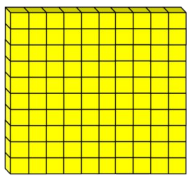
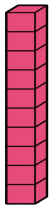
1 348 or One thousand, three hundred and forty-eight

THOUSANDS	HUNDREDS	TENS	ONES
			
1	3	4	8
1 000	300	40	8

FACT FILES

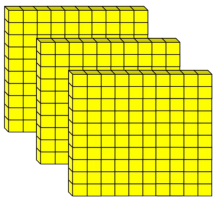
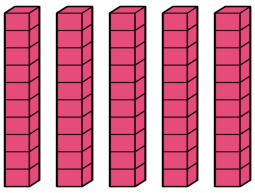
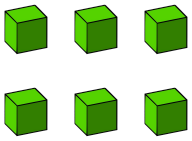
Base-10 Blocks



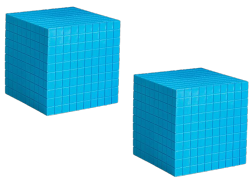
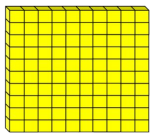
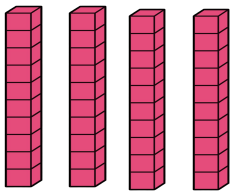
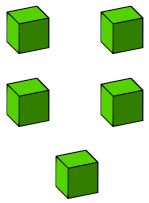
THOUSANDS	HUNDREDS	TENS	ONES
			
CUBE	**FLAT**	**LONG**	**UNIT**
It represents the number in the thousands place because it is made up of *1 000 units* or *10 flat blocks*. The maximum number of cubes in thousands place is *9 pieces* only.	-The flat cube represents the number in the hundreds place and it is made up of *100 units* or *10 long blocks*. -The maximum number of long blocks in hundreds place is *9 pieces* only.	-This rod represents the number in the tens place and *it is made up of 10 units.* -The maximum number of long blocks in tens place is *9 pieces* only.	-It is the smallest block and it represents the number in the ones place. -The maximum number of the unit cubes in ones place is *9 pieces* only.

Base-10 blocks is such a great way to represent numbers!

ILLUSTRATIVE EXAMPLES

356 or Three hundred and fifty-six			
THOUSANDS	**HUNDREDS**	**TENS**	**ONES**
			
0	**3**	**5**	**6**
0	**300**	**50**	**6**

Based on the place value chart above:
The place value of 6 is *ones* and the value is *6*.
The place value of 5 is *tens* and the value is *50*.
The place value of 3 is *hundreds* and the value is *300*.
Therefore, **356 is equal to 300 + 50 + 6**.

2 145 or Two thousand, one hundred and forty-five			
THOUSANDS	**HUNDREDS**	**TENS**	**ONES**
			
2	**1**	**4**	**5**
2 000	**100**	**40**	**5**

Based on the place value chart above:
The place value of 5 is *ones* and the value is *5*.
The place value of 4 is *tens* and the value is *40*.
The place value of 1 is *hundreds* and the value is *100*.
The place value of 2 is thousands and the value is 2 000.
Therefore, **2 145 is equal to 2 000 + 100 + 40 + 5**.

TABLE OF ACTIVITIES

Ages 6-7 (Basic)		2nd Grade
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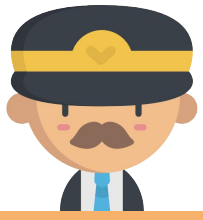
7	Color that Luggage	
8	Airplane's Value	
9	Choose your Captain	
10	Perfect Stewardess	

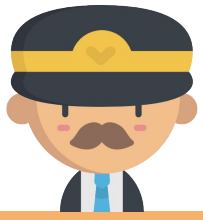
FREE FLIGHT WRITE AWAY

G2 Basic

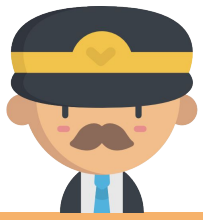
Captain John wants you to join his free flight! But before that, he needs test your spelling skills. Now, write the following numbers in words inside the boxes.



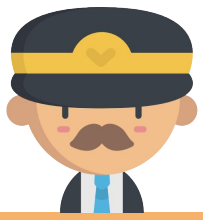
1. **256**



2. **1 438**



3. **2 732**

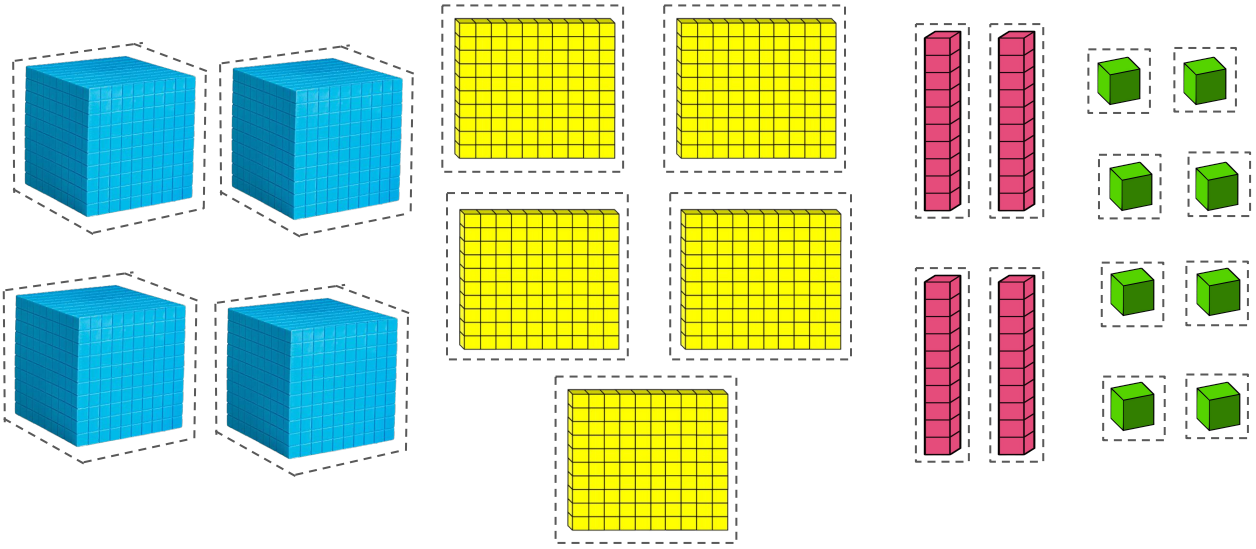


4. **5 815**

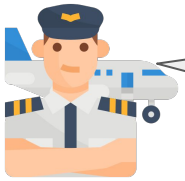
CUT AND PASTE THE CHALLENGE

G2 Basic

Captain Scott needs your help. Cut and paste the correct number of base-10 blocks in each place value to represent the given number.



3 317 or Three thousand, three hundred and seventeen			
THOUSANDS	**HUNDREDS**	**TENS**	**ONES**



Be careful with your scissor. You may ask your parent or guardian to help you.

FLIGHT TICKET

G2 Basic

Let's help the travelers in finding their own flight ticket by matching the value to its correct set of place values.

1 **2 567**

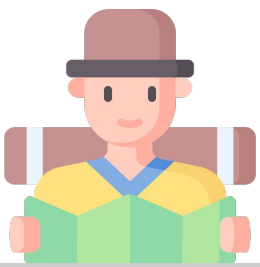
2 thousands, 5 hundreds, 6 tens, 7 ones

2 **4 628**

5 thousands, 2 hundreds, 1 ten, 4 ones

3 **5 214**

6 thousands, 7 hundreds, 9 tens, 2 ones



4 **6 792**

4 thousands, 6 hundreds, 2 tens, 8 ones

SHANE'S PASSPORT

G2 Basic

Shane needs to claim her passport. Guide her on his way by writing the correct digit in each blank.

3 451 = ____thousands, ____hundreds, ____tens, ____ones

4 428 = ____thousands, ____hundreds, ____tens, ____ones

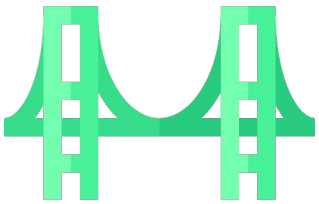
5 257 = ____thousands, ____hundreds, ____tens, ____ones

7 892 = ____thousands, ____hundreds, ____tens, ____ones

LOS ANGELES TO NEW YORK

G2 Basic

Flight 123 is going to fly from Los Angeles to New York. Guide the 2 pilots on their way by writing the correct number in each blank.



4 000 + 300 + 40 + 9

= _____

8 000 + 100 + 10 + 3

= _____

7 000 + 500 + 20 + 3

= _____

5 000 + 100 + 0 + 7

= _____

8 000 + 200 + 90 + 2

= _____

9 000 + 800 + 70 + 0

= _____

RIGHT SEAT

G3 Advanced

Let's find out your right seat. Put a check on the seat that will match the statement above.

1. Number with 4 thousands.

6 435

4 362

6 124

2. Number with 2 tens.

2 320

6 283

2 467

3. Number with 9 hundreds.

3 498

5 947

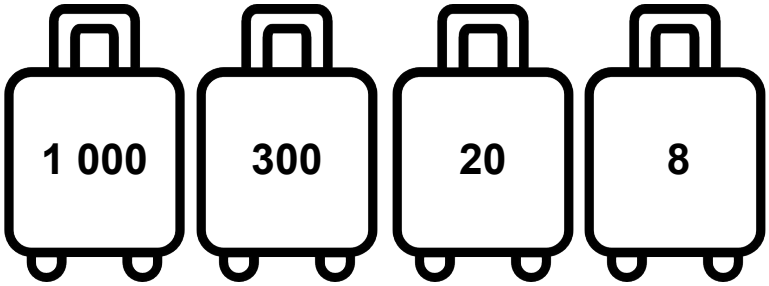
9 321

COLOR THAT LUGGAGE

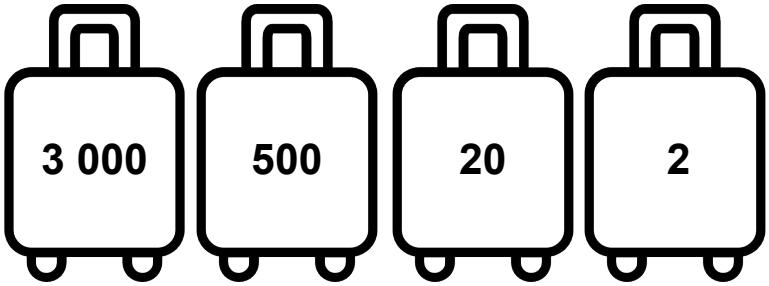
G3 Advanced

Which one is the right baggage? Find out by coloring the luggage with the correct value of the underlined digit.

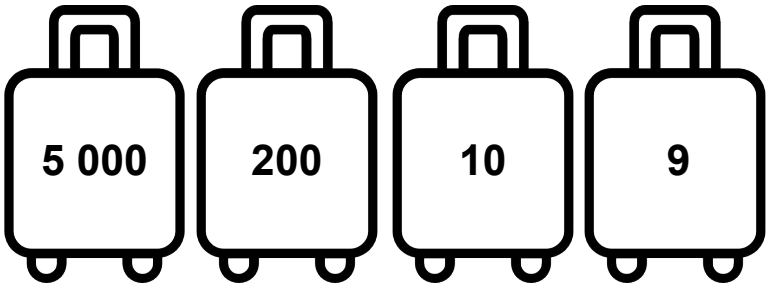
1 <u>3</u>28



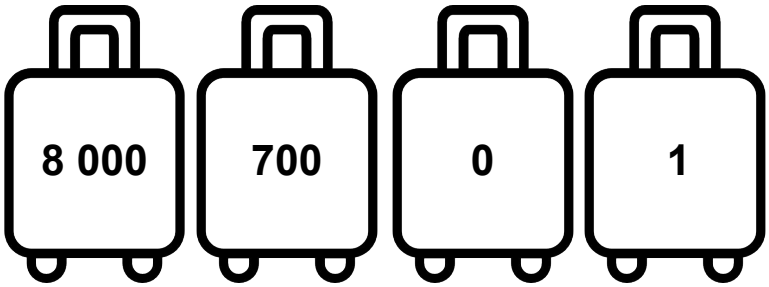
<u>3</u> 522



5 2<u>1</u>9



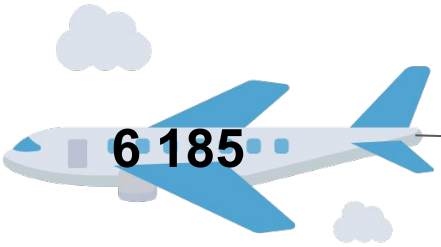
8 70<u>1</u>



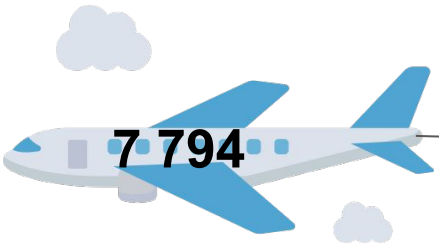
AIRLANE'S VALUE

G3 Advanced

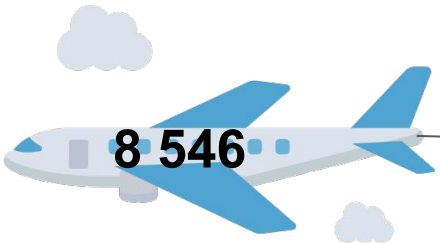
Write the value of the following numbers in each airplane. Use the first airplane as your example.



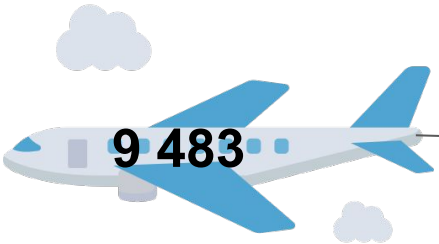
6 000 + 100 + 80 + 5



_____ + _____ + _____ + _____



_____ + _____ + _____ + _____



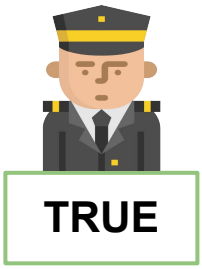
_____ + _____ + _____ + _____

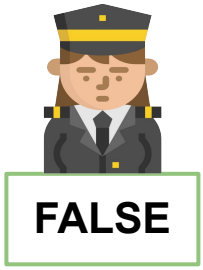
CHOOSE YOUR CAPTAIN

G3 Advanced

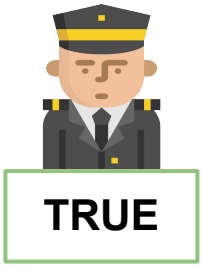
Time to choose the captain of your flight! Encircle the TRUE PILOT is the statement on the left side is correct and the FALSE PILOT if the statement is incorrect.

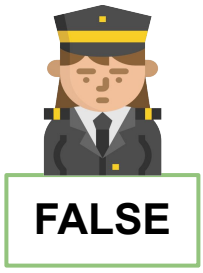
1. **1 346** is made up of 1 thousand, 3 hundreds, 4 tens and 6 ones.



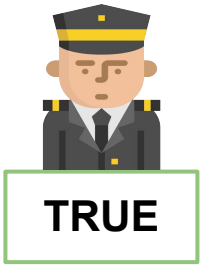


2. The place value of 8 in **3 485** is ones.

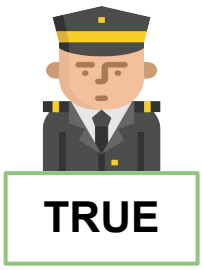


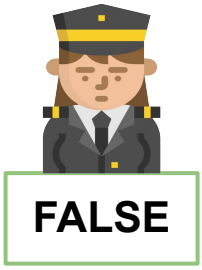


3. In **5 781**, the value of 7 is 700.



4. The long block is used to represent tens place.



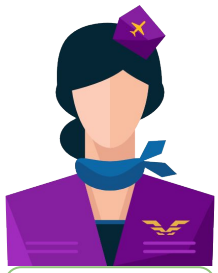


5. A cube is made up of 10 flat blocks

PERFECT STEWARDESS

G3 Advanced

Read the statements below. Fill in the blanks by choosing the missing word or number from the stewardess.



3 000

hundreds

tens

thousands

9

long

1. The flat cube represents the _____ place.

2. The maximum number of unit cubes in ones place is _____ pieces only.

3. The _____ block is made up of 10 units.

4. **3 348** is equal to _____ + 300 + 40 + 8.

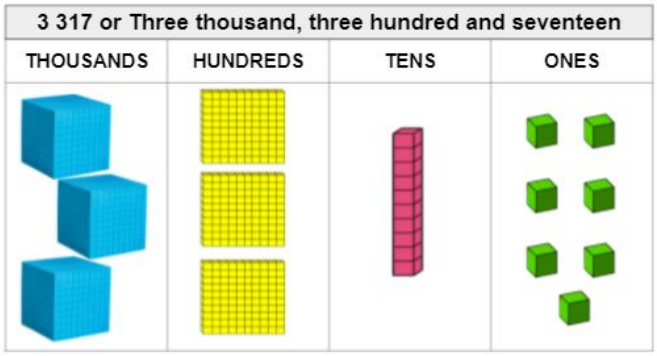
5. The place value of the fourth digit from the right is _____.

ANSWER GUIDE

Activity 1

1. Two hundred and fifty six
2. One thousand, four hundred and thirty-eight
3. Two thousand, seven hundred and thirty-two
4. Five thousand, eight hundred and fifteen

Activity 2



Activity 3

1. 2 thousands, 5 hundreds, 6 tens, 7 ones
2. 4 thousands, 6 hundreds, 2 tens, 8 ones
3. 5 thousands, 2 hundreds, 1 ten, 4 ones
4. 6 thousands, 7 hundreds, 9 tens, 2 ones

Activity 4

1. 2 thousands, 5 hundreds, 6 tens, 7 ones
2. 4 thousands, 6 hundreds, 2 tens, 8 ones
3. 5 thousands, 2 hundreds, 1 ten, 4 ones
4. 6 thousands, 7 hundreds, 9 tens, 2 ones

ANSWER GUIDE

Activity 5

1. **4 349** 2. **8 113** 3. **7 523** 4. **5 107** 5. **8 292** 6. **9 870**

Activity 6

Check the following:
1. **4 362** 2. **2 320** 3. **5 947**

Activity 7

Color the following:
1. **300** 2. **3 000** 3. **10** 4. **1**

Activity 8

Color the following:
1. Example
2. **7 000 + 700 + 90 + 4**
3. **8 000 + 500 + 40 + 6**
4. **9 000 + 400 + 80+ 3**

Activity 9

Encircle the following:
1. TRUE 2. FALSE 3. TRUE 4. TRUE 5. TRUE

Activity 10

1. **hundreds** 2. **9** 3. **long** 4. **3 000** 5. **thousands**

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Thank you

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