Helping With Math

Dividing Whole Numbers Up To Four Digits

GRADE 4

Division can be thought of as the method of distributing a group of things into equal parts. The mathematical method can be done into 1 or more numbers or digits as its goal is to distribute or minimize the value of numbers equally.

Today is my birthday! I wanted to share my cake with my 6 friends. If my cake breaks into 12 pieces, how many slices will each one have?

DIVISION

- It is the splitting of numbers into equal parts or groups
- The ÷ symbol is used in division

DIVISION SENTENCE

DIVISOR

50 ÷ 10 = 5

DIVIDEND

QUOTIENT

EXAMPLES / EXERCISES ON DIVIDING WHOLE NUMBERS

DIVIDING WHOLE NUMBERS

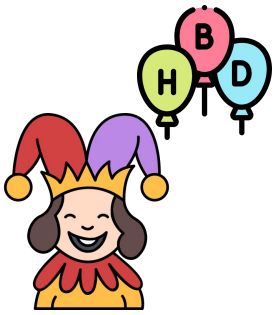
Dad ordered flowers for my birthday. A florist has 3,080 flowers. If she makes a bouquet with 7 flowers, how many bouquets can she make?
3,080 ÷ 7 = 440 bouquets

$4,642 \div 22 = 211$

$6,127 \div 11 = 557$

Solve for the quotient of the following problems.

The clown has 2, 485 balloons. The balloons were divided equally into 7 bags. How many balloons were in each bag?



Charina's party had 356 doughnuts. She put them into 4 cases with the same number in each case. How many doughnuts were in each case?

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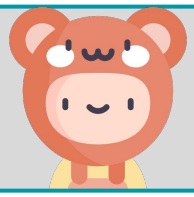
MY BIRTHDAY CAKE

Help the birthday celebrants find their birthday cakes! Match the division sentence with its corresponding quotient. Draw a line to connect them.

1



360 ÷ 4

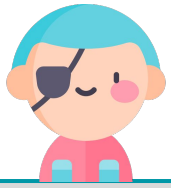
2

432 ÷ 8

3

534 ÷ 6

4



414 ÷ 6

A

89

B

69

C

54

D

90

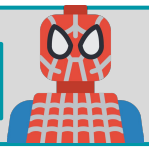
THE PARTY THEME

Help the parents of each children to choose the right theme for their birthdays! Divide each given item. Choose the quotient from the options by shading your answer.

1

9,075 ÷ 33

266	524	474	275

2 

2,295 ÷ 51

164	45	67	43

3

7,055 ÷ 17

415	463	451	455

4

4,425 ÷ 25

177	175	170	172

BIRTHDAY GIFTS

Let us help Joyce to open her gifts! Answer each division equation below.

1

$932 \div 4 =$ ____

2

$828 \div 6 =$ ____

3

$355 \div 5 =$ ____

4

$2{,}982 \div 6 =$ ____

5

$3{,}537 \div 9 =$ ____

6

$7{,}192 \div 8 =$ ____

IT'S YOUR BIRTHDAY?!

Oh no, Sheila's friends thought it's her birthday today! Look carefully on the solutions below. Determine and encircle which part of it was done incorrectly. Then, provide the correct solution.

1

9, 153 ÷ 81
= 131

2

5, 740 ÷ 35
= 146

3

6, 072 ÷ 23
= 462

4

7, 062 ÷ 11
= 426

AYA'S BIRTHDAY CAKE!

Solve for the quotient of the following numbers. Use the quotient as your guide to put color on the birthday cake.

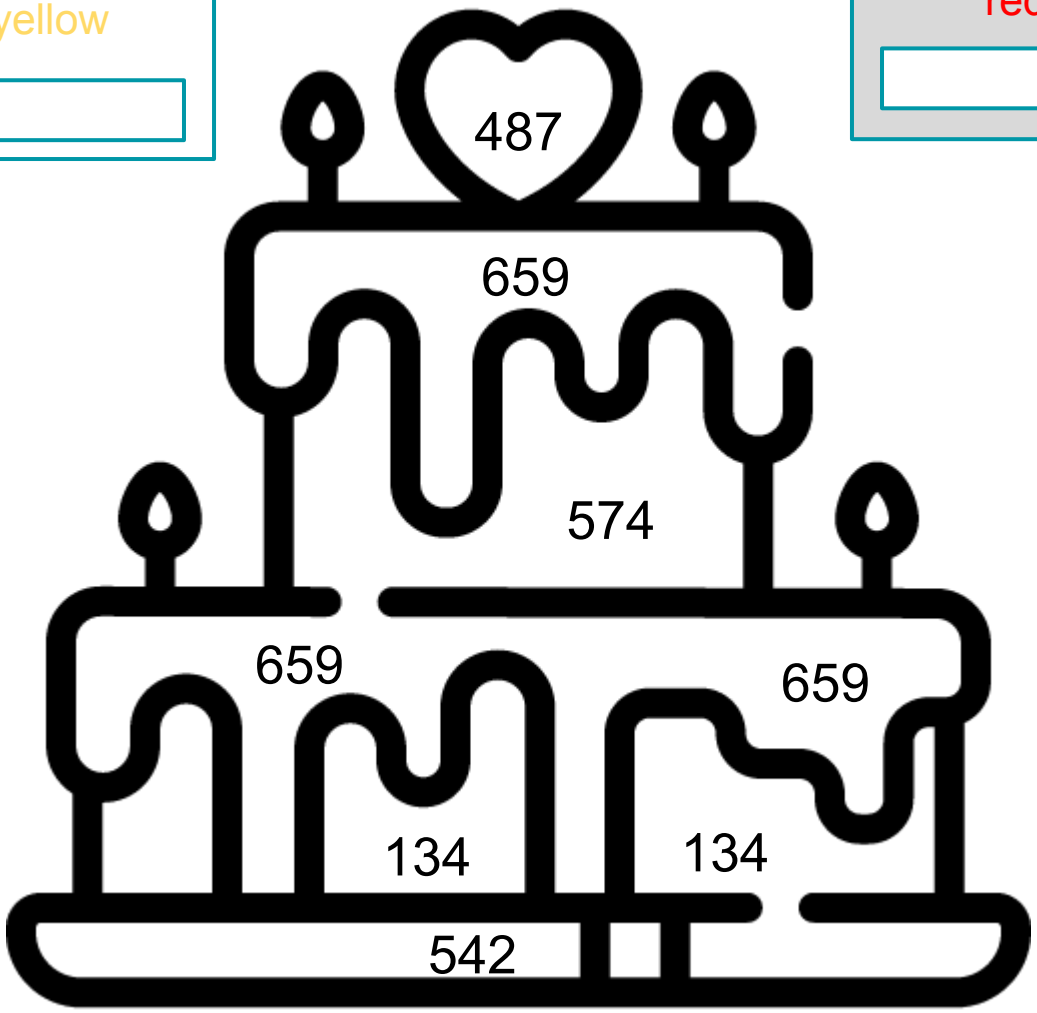
1. 938 ÷ 7
orange

2. 3,295 ÷ 5
yellow

3. 4,878 ÷ 9
blue

4. 4,592 ÷ 8
pink

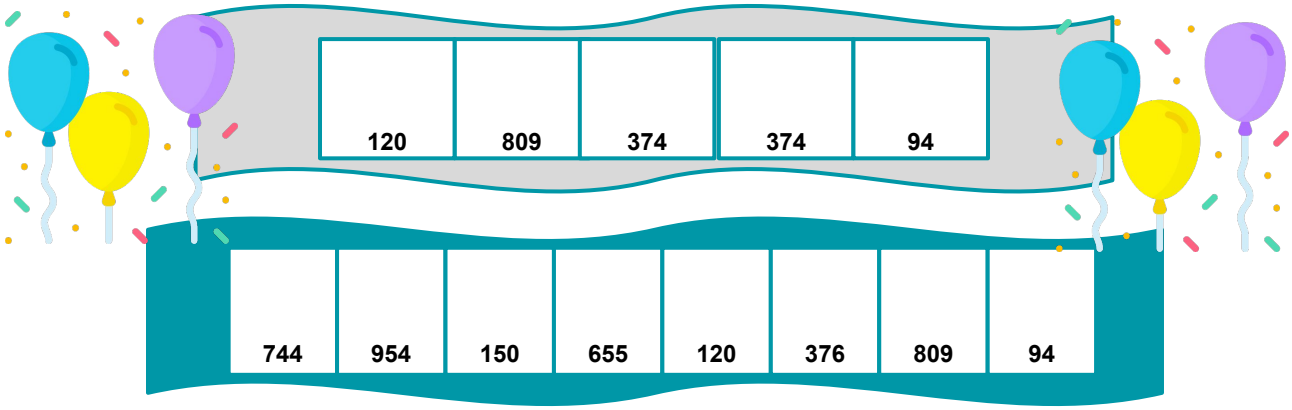
5. 2,922 ÷ 6
red



SURPRISE!

It's Mary's birthday! Let us help CJ to accomplish her surprise for Mary! Each division problem is assigned a letter. Once you have completed the problems, write the letter that corresponds with the quotient in the space provided to discover and complete the phrase.

A	4,045 ÷ 5	D	1,504 ÷ 4
B	5,208 ÷ 7	H	960 ÷ 8
I	3,816 ÷ 4	M	1, 905 ÷ 3
P	1,122 ÷ 3	R	900 ÷ 6
T	5, 895 ÷ 9	Y	658 ÷ 7



FLASH CARDS: THE BIRTHDAY EDITION

You are only given 30 seconds for each flashcards! Divide the given as fast as you can then write your answer on the space provided.

1

$600 \div 12$

2

$1{,}708 \div 28$

3

$852 \div 12$

4

$2{,}565 \div 27$

IT'S MY BIRTH MONTH: PROBLEM SOLVING

Read and analyze each problem carefully. Write your solution and answer on the space provided.

CJ's birthday party has 2 kinds of juice. One jug contains 1,560 ml of apple juice. The other jug contains 1,670 ml of orange juice. If 12 visitors will share the same amount of apple juice, how many ml will they get?

Grace decided to celebrate her birthday with the victims of hurricane. Grace and her friend, Mary, collected $7,650 to be used to feed the 10 families of hurricane victims. How much money does each family get?

Christine's parents saved money for her party in 1 month. They saved $8,460 for her debut. How much money is being saved per day considering that a month has 30 days?

MY BIRTHDAY WAS AMAZING!

Time to write your birthday experience on your diary. Provide 4 given then show your complete solution and answer.

MY BIRTHDAY PARTY

Time to write your insights about your birthday party! Simply answer the questions below.

How did you find the topic about division of numbers up to 4 digits? Is it easy or difficult? Share your insights.

_____

_____

_____

_____

How can you apply the concept of division in real life? Briefly explain your answer.

_____

_____

_____

_____

ANSWER GUIDE

Activity 1

1. D
2. C
3. A
4. B

Activity 2

1. 275
2. 45
3. 415
4. 177

Activity 3

1. 233
2. 138
3. 71
4. 497
5. 393
6. 899

Activity 4

1. 113, not 131
2. 164, not 146
3. 264, not 462
4. 642, not 426

ANSWER GUIDE

Activity 5

1. 135
2. 659
3. 542
4. 574
5. 487

Activity 6

1. A= 809
2. B= 744
3. I= 954
4. P= 374
5. T= 655
6. D= 376
7. H= 120
8. M= 635
9. R= 150
10. Y= 94

The phrase is “HAPPY BIRTHDAY”

Activity 7

1. 50
2. 61
3. 71
4. 95

ANSWER GUIDE

Activity 8

1. 135
2. 659
3. 542
4. 574
5. 487

Activity 9 & 10

Answers may vary.

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