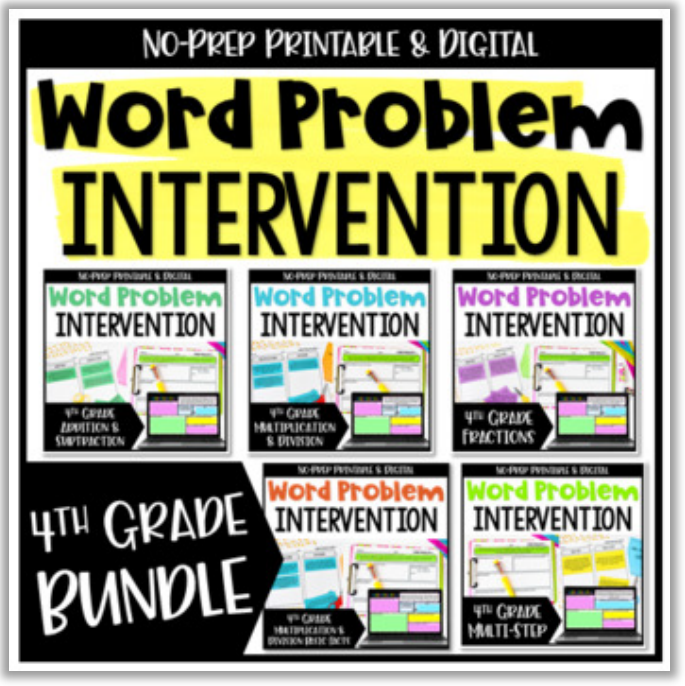
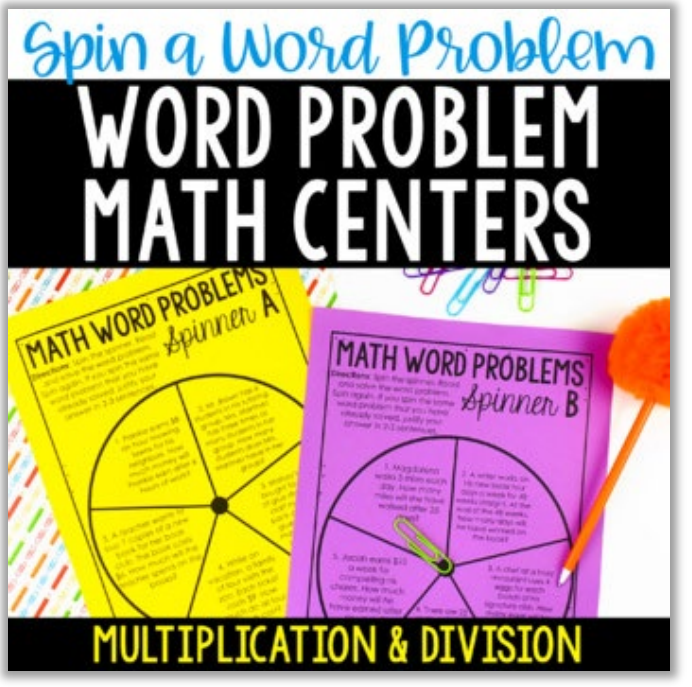
Digital Access on Page 3

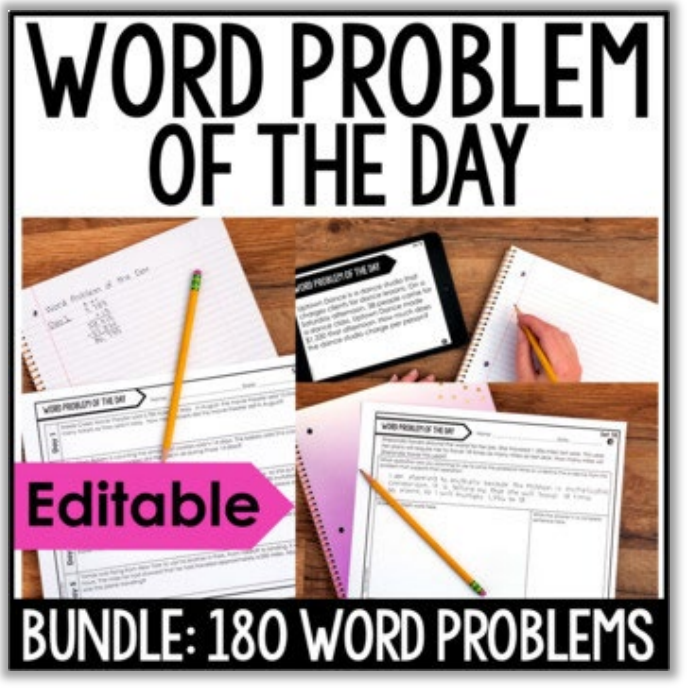
DIVISION

POSTERS & WORD PROBLEMS

Looking for More Practice with Word Problems?







Digital Access

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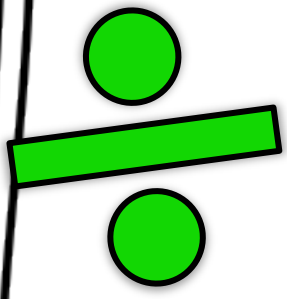
DIVISION



Division involves equal groups like multiplication. However, in division we are splitting a total into equal groups.

Group Size Unknown

Sometimes you will be splitting or sharing in groups, and you know how many groups you have.

You will need to figure out how many go in each group or the size of each group (group size).

Number of Groups Unknown

Sometimes you will be splitting or sharing in groups, and you know how many go in each group.

You will need to figure out how many groups you can make or the number of groups.

DIVISION

Group Size Unknown

I know…
how many groups I have

I don't know…
how many go in each group

DIVISION

Number of Groups Unknown

I know…
how many go in each group

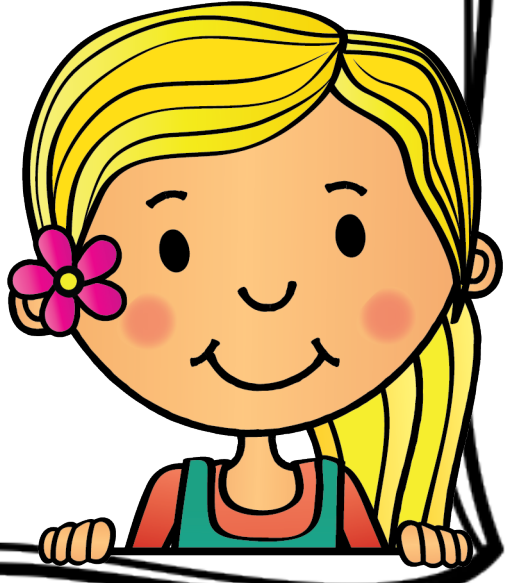
I don't know…
how many groups

DIVISION

Group Size Unknown

Jorge has 20 pieces of candy. He wants to put them in 4 bags. If he puts an equal amount in each bag, how many pieces of candy will go in each?

The bags are the groups, and we know we have 4 bags or groups. We are looking for **how many go in each group** or how many pieces of candy will go in each bag.

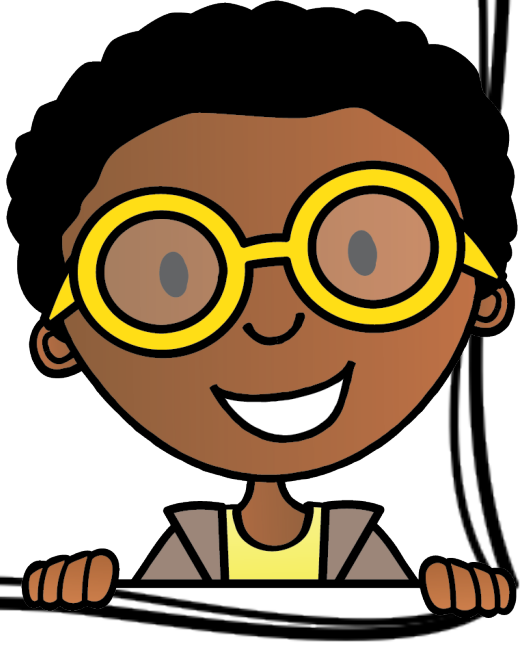


DIVISION

Number of Groups Unknown

Jorge has 20 pieces of candy. He wants to divide them into bags with 4 pieces of candy in each bag. How many bags will he be able to make?

This time, we know how much candy he plans to put in each bag or group. We need to know **how many bags or groups** he will be able to make. We are looking for the number of groups.



Name _____ Date _____

Division is Sweet

You have 24 pieces of candy to split equally among 3 friends. How many pieces of candy will each friend get?

- ❑ Use your candy to divide.
- ❑ Draw a model to show or represent the division.
- ❑ Write a division equation and the answer.

I don't know… how many go in each group

I don't know… how many groups

You have 24 pieces of candy to split into piles. Each pile should have 6 pieces of candy in it. How many piles will you be able to make?

- ❑ Use your candy to divide.
- ❑ Draw a model to show or represent the division.
- ❑ Write a division equation and the answer.

ANSWER KEY

Division is Sweet

You have 24 pieces of candy to split equally among 3 friends. How many pieces of candy will each friend get?

- ❑ Use your candy to divide.
- ❑ Draw a model to show or represent the division.
- ❑ Write a division equation and the answer.

I don't know… how many go in each group

$24 \div 3 = 8$

Each friend will get 8 pieces of candy.

I don't know… how many groups

You have 24 pieces of candy to split into piles. Each pile should have 6 pieces of candy in it. How many piles will you be able to make?

- ❑ Use your candy to divide.
- ❑ Draw a model to show or represent the division.
- ❑ Write a division equation and the answer.

$24 \div 6 = 4$

You will be able to make 4 piles of candy.

Name _____ Date _____

Division is Sweet

You have 40 pieces of candy to divide equally into bags. There will be 5 pieces of candy in each bag. How many bags will you be able to make?

- ❑ Determine what you don't know and write it in the speech bubble.
- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

You have 36 pieces of candy to share equally among yourself and three friends. How many pieces of candy will each get?

- ❑ Determine what you don't know and write it in the speech bubble.
- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

ANSWER KEY

Division is Sweet

You have 40 pieces of candy to divide equally into bags. There will be 5 pieces of candy in each bag. How many bags will you be able to make?

- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

I don't know…
how many groups

$40 \div 5 = 8$

You will be able to make 8 bags of candy.

I don't know…
how many go in each group

You have 36 pieces of candy to share equally among yourself and three friends. How many pieces of candy will each get?

- ❑ Determine what you don't know and write it in the speech bubble.
- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

$36 \div 4 = 9$

We will each get 9 pieces of candy.

Name _____ Date _____

Division is Sweet

Jorge has 20 pieces of candy. He wants to put them in 4 bags. If he puts an equal amount in each bag, how many pieces of candy will go in each?

- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

I don't know…

I don't know…

Jorge has 20 pieces of candy. He wants to divide them into bags with 4 pieces of candy in each bag. How many bags will he be able to make?

- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

ANSWER KEY

Division is Sweet

Jorge has 20 pieces of candy. He wants to put them in 4 bags. If he puts an equal amount in each bag, how many pieces of candy will go in each?

- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

I don't know…
how many go in each group

$20 \div 4 = 5$

5 pieces of candy will go in each bag.

I don't know…
how many groups

Jorge has 20 pieces of candy. He wants to divide them into bags with 4 pieces of candy in each bag. How many bags will he be able to make?

- ❑ Draw a model.
- ❑ Write an equation.
- ❑ Record your answer.

$20 \div 4 = 5$

Jorge will be able to make 5 bags.

A

Name _____ Date _____

Division Sort

Sort each problem based on what you are solving for. Then solve each problem.

Group Size Unknown	Number of Groups Unknown

1. There are 15 carrots that will be put into 5 pots of soup. How many carrots will each pot of soup have?

2. Valeri has 36 stickers to put in her sticker book. If she can fit 9 stickers on each page, how many pages will she use?

3. There were 28 desks that needed to be arranged into 4 equal rows. How many desks will be in each row?

4. A librarian has 45 graphic novels to put on a bookcase. If 9 books fit on one shelf, how many shelves will she use?

5. Adonis has 30 chocolate chips to use in his brownies. He plans to use 10 chocolate chips for each brownie. How many brownies can Adonis make with the chocolate chips?

6. Milo has 50 quarters, and he wants to evenly spread them out into 10 coin bags. How many quarters will be in each bag?

A

Name _____ Date _____

Division Sort RECORDING SHEET

1.	2.
3.	4.
5.	6.

B

Name _____ Date _____

Division Sort

Sort each problem based on what you are solving for. Then solve each problem.

Group Size Unknown	Number of Groups Unknown

1. There are 21 students in gym class. The gym teacher wants to make groups of 3 students for an activity. How many groups of 3 students can he make?

2. Asa walked 7 miles each day for a total of 56 miles. How many days did Asa walk?

3. There are 24 gymnasts that will use 3 vans to travel to their tournament. If each van has the same number of gymnasts, how many should be in each van?

4. Haven made 35 oatmeal raisin cookies. He put 7 cookies into each container. How many containers did the cookies fill?

5. Ms. Greene brought 48 muffins, and she wanted to package them into 8 boxes. How many muffins should go into each box?

6. A farmer collects 12 eggs and puts them into two cartons. If an equal number of eggs are placed in the cartons, how many eggs are in each carton?

B

Name _____ Date _____

Division Sort RECORDING SHEET

1.	2.
3.	4.
5.	6.

ANSWER KEY

Division Sort

Division Sort A – Answer Key:

1. Group Size Unknown; 3 carrots
2. Number of Groups Unknown; 4 pages
3. Group Size Unknown; 7 desks
4. Number of Groups Unknown; 5 shelves
5. Number of Groups Unknown; 3 brownies
6. Group Size Unknown; 5 quarters

Division Sort B – Answer Key:

1. Number of Groups Unknown; 7 groups
2. Number of Groups Unknown; 8 days
3. Group Size Unknown; 8 gymnasts
4. Number of Groups Unknown; 5 containers
5. Group Size Unknown; 6 muffins
6. Group Size Unknown; 6 eggs

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