

Numberless Word Problems

Equal Groups – Group Size Unknown

Notes

This problem set contains 10 numberless word problems organized around one CGI problem type.

There are sample discussion questions in the notes section on each slide.

The idea is that each slide of a problem will be revealed and discussed one at a time to scaffold students' understanding of the situation and the question ultimately asked.

Feel free to change numbers in the problems.

1

Heather has some stickers she is going to put into some treat bags for her birthday party. She puts the same number of stickers in each bag.

1

Heather has some stickers she is going to put into 4 treat bags for her birthday party. She puts the same number of stickers in each bag.

1

Heather has 12 stickers she is going to put into 4 treat bags for her birthday party. She puts the same number of stickers in each bag.

1

Heather has 12 stickers she is going to put into 4 treat bags for her birthday party. She puts the same number of stickers in each bag. How many stickers does she put in each bag?

2

Adriana put some crickets in her terrarium for her geckos to eat. Each gecko ate the same number of crickets.





2

Adriana put 8 crickets in her terrarium for her geckos to eat. Each gecko ate the same number of crickets.

2

Adriana put 8 crickets in her terrarium for her 2 geckos to eat. Each gecko ate the same number of crickets.

2

Adriana put 8 crickets in her terrarium for her 2 geckos to eat. Each gecko ate the same number of crickets. How many crickets did each gecko eat?

3

Hector is taking some coins to school. He puts the coins into the pockets on his backpack.

3

Hector is taking some coins to school. He puts the coins into the 4 pockets on his backpack.

3

Hector is taking 20 coins to school. He puts the coins into the 4 pockets on his backpack.

3

Hector is taking 20 coins to school. He puts the coins into the 4 pockets on his backpack. If he puts the same number of coins in each pocket, how many coins will be in each pocket?

4

A baker is packaging some cupcakes to sell at her bakery.
She fills some boxes with all of the cupcakes.

4

A baker is packaging 30 cupcakes to sell at her bakery. She fills some boxes with all of the cupcakes.

4

A baker is packaging 30 cupcakes to sell at her bakery. She fills 5 boxes with all of the cupcakes.

4

A baker is packaging 30 cupcakes to sell at her bakery. She fills 5 boxes with all of the cupcakes. If she puts the same number of cupcakes in each box, how many cupcakes are in one box?

5

Mrs. Yau is getting ready for art club. She has some markers to put out at the table for the children.

5

Mrs. Yau is getting ready for art club. She has some markers to put out at the table for the 4 children.

5

Mrs. Yau is getting ready for art club. She has 40 markers to put out at the table for the 4 children.

5

Mrs. Yau is getting ready for art club. She has 40 markers to put out at the table for the 4 children. If the markers are shared equally among the children, how many markers will each child get?

6

Mr. Gordon goes to the store to buy some juice boxes for a class party. He buys some packs of juice boxes.

6

Mr. Gordon goes to the store to buy some juice boxes for a class party. He buys 3 packs of juice boxes.

6

Mr. Gordon goes to the store to buy 24 juice boxes for a class party. He buys 3 packs of juice boxes.

6

Mr. Gordon goes to the store to buy 24 juice boxes for a class party. He buys 3 packs of juice boxes. If each pack is the same size, how many juice boxes are in one pack?

7

Finn bought some chocolate candies from the corner store.

7

Finn bought 3 chocolate candies from the corner store.

7

Finn bought 3 chocolate candies from the corner store. The total cost for all of the candies was 36 cents.

7

Finn bought 3 chocolate candies from the corner store. The total cost for all of the candies was 36 cents. If each candy cost the same amount, what was the price of one chocolate candy?

8

Your friend brought some pretzels for you both to share at lunch.

8

Your friend brought 18 pretzels for you both to share at lunch.

8

Your friend brought 18 pretzels for you both to share at lunch. If you share the pretzels equally, how many will you get?

9

Reggie is making some extra small pepperoni pizzas at a restaurant. He puts the same number of pepperoni slices on each pizza.

9

Reggie is making 10 extra small pepperoni pizzas at a restaurant. He puts the same number of pepperoni slices on each pizza.

9

Reggie is making 10 extra small pepperoni pizzas at a restaurant. He puts the same number of pepperoni slices on each pizza. If he uses a total of 80 pepperoni slices, how many slices did he put on each pizza?

10

Devon bought some packs of Pokemon cards. After opening all the packs he had a lot of new Pokemon cards.

10

Devon bought 5 packs of Pokemon cards. After opening all the packs he had a lot of new Pokemon cards.

10

Devon bought 5 packs of Pokemon cards. After opening all the packs he had 50 new Pokemon cards.

10

Devon bought 5 packs of Pokemon cards. After opening all the packs he had 50 new Pokemon cards. If each pack contained the same number of cards, how many cards were in one pack?