

Mode and Mean

Find the mode of each graph.

The mode

The mode is the answer that shows up most often. In a graph, it is the one with the most votes.

Write the mode and the number of votes it has.

Example

Our Favorite Fruit

Fruit	Votes
apple	
banana	
grapes	
orange	

Mode: banana Votes: 8

1.

Our Favorite Zoo Animal

lion	   
elephant	     
giraffe	  
penguin	    

Each picture = 1 vote

Mode: _____ Votes: _____

2.

How We Get to School

Way	Children
walk	
bus	
car	
bike	

Mode: _____ Votes: _____

3.

Our Favorite Lunch

sandwich	    
pizza	   
hot dog	  
burger	     

Each picture = 1 vote

Mode: _____ Votes: _____

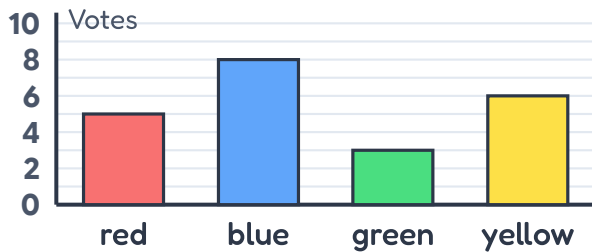
Mode and Mean

Find the mode. A graph can have two modes, or none.

Write the mode. Write no mode if there is none.

Example

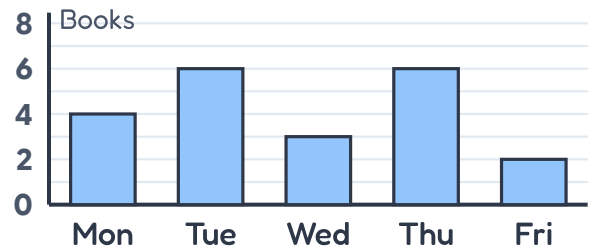
Our Favorite Color



Mode: blue

1.

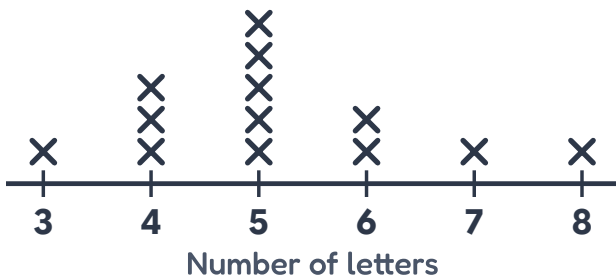
Books We Read Each Day



Mode: _____

2.

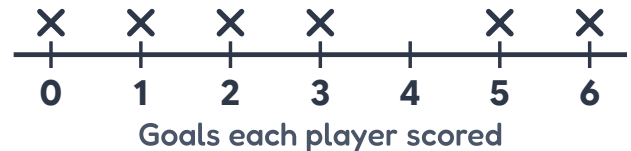
Letters in Our First Names



Mode: _____

3.

Goals Scored



Mode: _____

What does the mode tell you? Circle the true sentence.

- 4.** The mode of the shoe sizes in a class is 2.
 More children wear size 2 than any other size.
 Every child in the class wears size 2.

- 5.** The mode of the number of pets each child has is 1.
 Most of the children have no pets.
 More children have 1 pet than any other number of pets.

Mode and Mean

Find the mode of a list or a table. Then make a list.

Write the mode. Write no mode if there is none.

Example

Points in a game

4, 7, 2, 7, 5

Mode: _____ 7 _____

1.

Hops on one foot

3, 8, 6, 3, 8, 1

Mode: _____

2.

Fish in each tank

9, 4, 6, 2, 5

Mode: _____

3.

Minutes to get to school

12, 15, 11, 15, 12, 15

Mode: _____

4.

Goals in a game

Goals	0	1	2	3	4
Players	2	5	3	1	4

Mode: _____

5.

Pets at home

Pets	0	1	2	3
Children	6	4	7	2

Mode: _____

Write 5 numbers to fit each sentence.

Example

The mode is 4.

4 1 4 6 2

6.

The modes are 3 and 7.

□ □ □ □ □

7.

There is no mode.

□ □ □ □ □

Mode and Mean

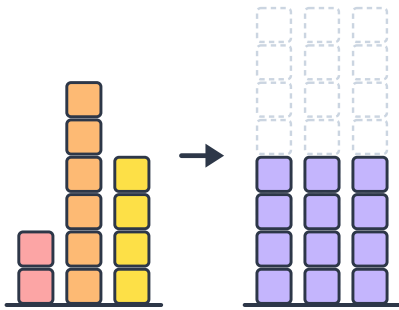
Make the towers level to find the mean. Then share fairly.

The mean is a fair share

Move cubes from tall towers to short towers until every tower is the same height. That height is the mean.

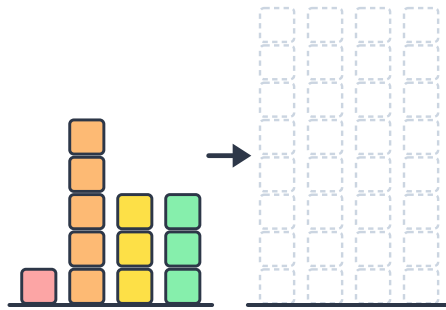
Draw the towers so they are all the same height.

Example



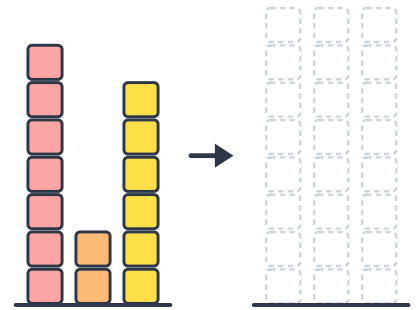
Each tower: 4 cubes

1.



Each tower: _____ cubes

2.



Each tower: _____ cubes

Share fairly. How many does each one get?

Example

Mia has 3 stickers. Ben has 7 stickers. They share them fairly.

$$\underline{10} \div \underline{2} = \underline{5} \text{ each}$$

3. Three friends have 4, 6 and 8 marbles. They share them fairly.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad} \text{ each}$$

4. Four plates have 7, 2, 5 and 2 crackers. Share the crackers fairly.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad} \text{ each}$$

5. Two jars hold 8 and 6 buttons. Share the buttons fairly.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad} \text{ each}$$

Mode and Mean

Find the mean: add, then divide. Then find the mode too.

Find the mean. Add the numbers, then divide.

Example

3, 5, 7

$$\underline{15} \div \underline{3} = \underline{5}$$

1. 6, 9, 3

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

2. 1, 7, 5, 3

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

3. 10, 4

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

4. 9, 8, 6, 10, 7

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

5. 11, 4, 12

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

Find the mean and the mode. Then finish the sentences.

6. **Books Read This Month**

Ava	Ben	Cal	Dee	Eli
1	3	3	9	4

Mean: _____ Mode: _____

If the children shared the books fairly, each would have _____ books.

That number is the mean mode

7. **Goals Scored**

Kai	Lia	Max	Nia	Omar
7	2	7	1	8

Mean: _____ Mode: _____

More players scored _____ goals than any other number.

That number is the mean mode

Mode and Mean

Find the mode of each graph.

The mode

The mode is the answer that shows up most often. In a graph, it is the one with the most votes.

Write the mode and the number of votes it has.

Example

Our Favorite Fruit

Fruit	Votes
apple	
banana	
grapes	
orange	

Mode: banana Votes: 8

1.

Our Favorite Zoo Animal

lion	   
elephant	     
giraffe	  
penguin	    

Each picture = 1 vote

Mode: _____ Votes: _____

2.

How We Get to School

Way	Children
walk	
bus	
car	
bike	

Mode: _____ Votes: _____

3.

Our Favorite Lunch

sandwich	    
pizza	   
hot dog	  
burger	     

Each picture = 1 vote

Mode: _____ Votes: _____

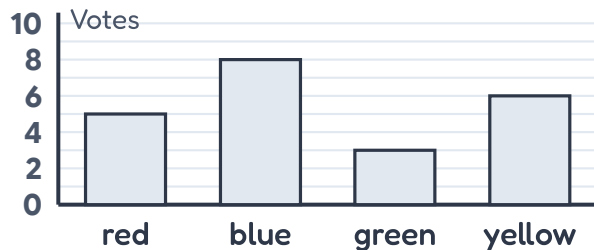
Mode and Mean

Find the mode. A graph can have two modes, or none.

Write the mode. Write no mode if there is none.

Example

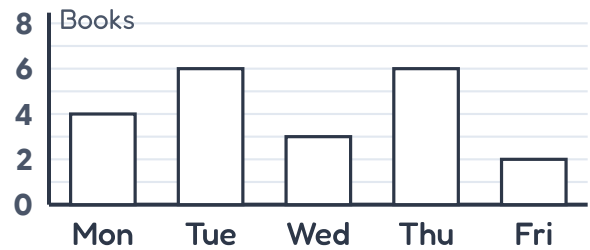
Our Favorite Color



Mode: blue

1.

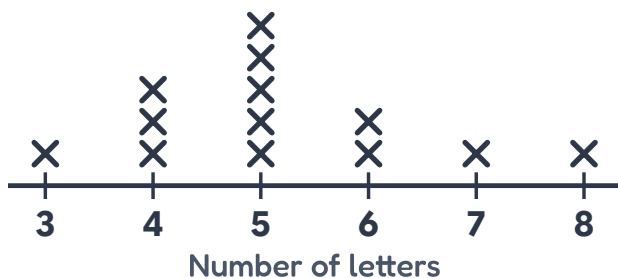
Books We Read Each Day



Mode: _____

2.

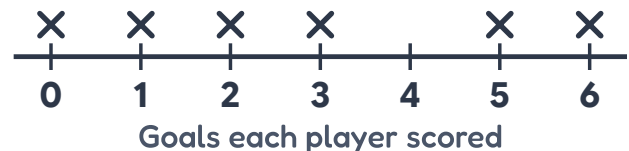
Letters in Our First Names



Mode: _____

3.

Goals Scored



Mode: _____

What does the mode tell you? Circle the true sentence.

- 4.** The mode of the shoe sizes in a class is 2.
 More children wear size 2 than any other size.
 Every child in the class wears size 2.

- 5.** The mode of the number of pets each child has is 1.
 Most of the children have no pets.
 More children have 1 pet than any other number of pets.

Mode and Mean

Find the mode of a list or a table. Then make a list.

Write the mode. Write no mode if there is none.

Example

Points in a game

4, 7, 2, 7, 5

Mode: _____ 7

1.

Hops on one foot

3, 8, 6, 3, 8, 1

Mode: _____

2.

Fish in each tank

9, 4, 6, 2, 5

Mode: _____

3.

Minutes to get to school

12, 15, 11, 15, 12, 15

Mode: _____

4.

Goals in a game

Goals	0	1	2	3	4
Players	2	5	3	1	4

Mode: _____

5.

Pets at home

Pets	0	1	2	3
Children	6	4	7	2

Mode: _____

Write 5 numbers to fit each sentence.

Example

The mode is 4.

4 1 4 6 2

6.

The modes are 3 and 7.

□ □ □ □ □

7.

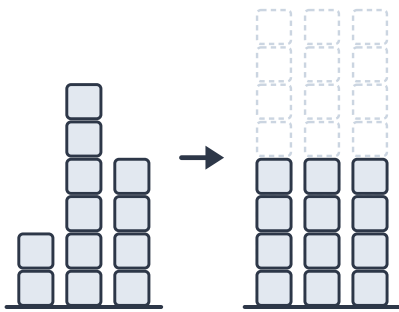
There is no mode.

□ □ □ □ □

Make the towers level to find the mean. Then share fairly.

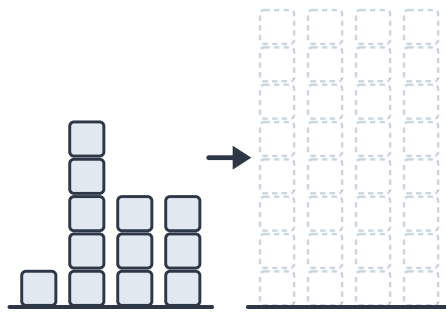
Move cubes from tall towers to short towers until every tower is the same height. That height is the mean.

Example



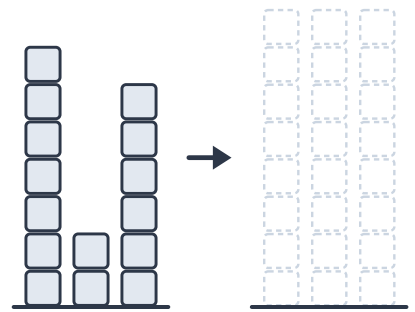
Each tower: 4 cubes

1.



Each tower: cubes

2.



Each tower: cubes

Example

Example Mia has 3 stickers. Ben has 7 stickers. They share them fairly.

10 ÷ 2 = 5 each

3. Three friends have 4, 6 and 8 marbles. They share them fairly.

$\div$ = each

4. Four plates have 7, 2, 5 and 2 crackers. Share the crackers fairly.

÷ = each

5. Two jars hold 8 and 6 buttons. Share the buttons fairly.

÷ = each

Mode and Mean

Find the mean: add, then divide. Then find the mode too.

Find the mean. Add the numbers, then divide.

Example

3, 5, 7

$$\underline{15} \div \underline{3} = \underline{5}$$

1. 6, 9, 3

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

2. 1, 7, 5, 3

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

3. 10, 4

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

4. 9, 8, 6, 10, 7

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

5. 11, 4, 12

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

Find the mean and the mode. Then finish the sentences.

6. Books Read This Month

Ava	Ben	Cal	Dee	Eli
1	3	3	9	4

Mean: _____ Mode: _____

If the children shared the books fairly, each would have _____ books.

That number is the mean mode

7. Goals Scored

Kai	Lia	Max	Nia	Omar
7	2	7	1	8

Mean: _____ Mode: _____

More players scored _____ goals than any other number.

That number is the mean mode

Mode and Mean

Find the mode of each graph.

The mode

The mode is the answer that shows up most often. In a graph, it is the one with the most votes.

Write the mode and the number of votes it has.

Example

Our Favorite Fruit

Fruit	Votes
apple	
banana	
grapes	
orange	

Mode: banana Votes: 8

1.

Our Favorite Zoo Animal

lion	   
elephant	     
giraffe	  
penguin	    

Each picture = 1 vote

Mode: elephant Votes: 6

2.

How We Get to School

Way	Children
walk	
bus	
car	
bike	

Mode: bus Votes: 9

3.

Our Favorite Lunch

sandwich	    
pizza	   
hot dog	  
burger	      

Each picture = 1 vote

Mode: burger Votes: 7

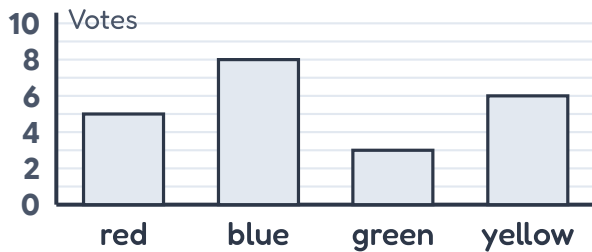
Mode and Mean

Find the mode. A graph can have two modes, or none.

Write the mode. Write no mode if there is none.

Example

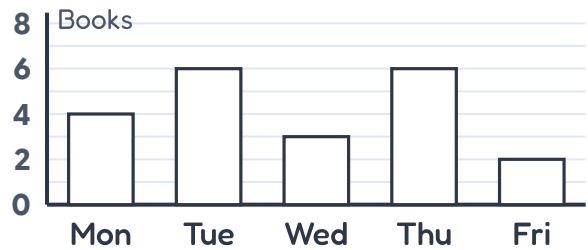
Our Favorite Color



Mode: blue

1.

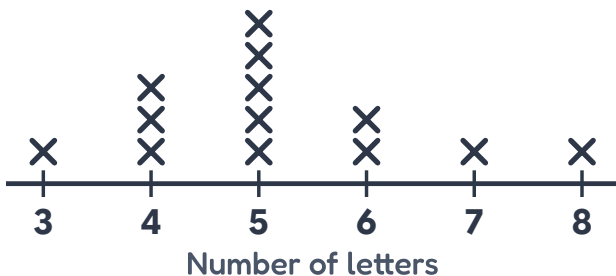
Books We Read Each Day



Mode: Tue and Thu

2.

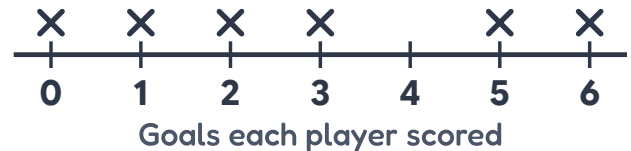
Letters in Our First Names



Mode: 5

3.

Goals Scored



Mode: no mode

What does the mode tell you? Circle the true sentence.

4. The mode of the shoe sizes in a class is 2.

More children wear size 2 than any other size.

Every child in the class wears size 2.

5. The mode of the number of pets each child has is 1.

Most of the children have no pets.

More children have 1 pet than any other number of pets.

Mode and Mean

Find the mode of a list or a table. Then make a list.

Write the mode. Write no mode if there is none.

Example

Points in a game

4, 7, 2, 7, 5

Mode: 7

1.

Hops on one foot

3, 8, 6, 3, 8, 1

Mode: 3 and 8

2.

Fish in each tank

9, 4, 6, 2, 5

Mode: no mode

3.

Minutes to get to school

12, 15, 11, 15, 12, 15

Mode: 15

4.

Goals in a game

Goals	0	1	2	3	4
Players	2	5	3	1	4

Mode: 1

5.

Pets at home

Pets	0	1	2	3
Children	6	4	7	2

Mode: 2

Write 5 numbers to fit each sentence.

Example

The mode is 4.

4 1 4 6 2

6.

One way

The modes are 3 and 7.

3 7 5 3 7

7.

One way

There is no mode.

1 5 8 2 9

Mode and Mean

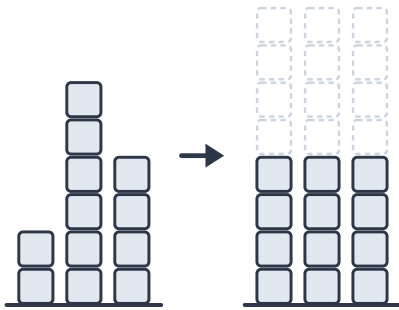
Make the towers level to find the mean. Then share fairly.

The mean is a fair share

Move cubes from tall towers to short towers until every tower is the same height. That height is the mean.

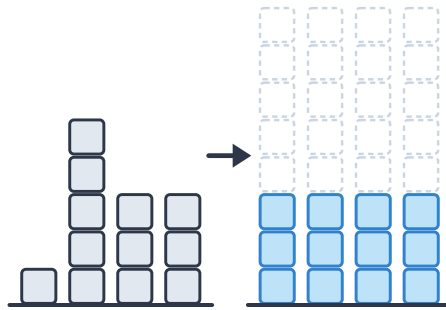
Draw the towers so they are all the same height.

Example



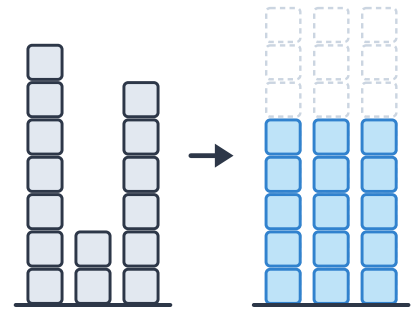
Each tower: 4 cubes

1.



Each tower: 3 cubes

2.



Each tower: 5 cubes

Share fairly. How many does each one get?

Example

Mia has 3 stickers. Ben has 7 stickers. They share them fairly.

$$\underline{10} \div \underline{2} = \underline{5} \text{ each}$$

3. Three friends have 4, 6 and 8 marbles. They share them fairly.

$$\underline{18} \div \underline{3} = \underline{6} \text{ each}$$

4. Four plates have 7, 2, 5 and 2 crackers. Share the crackers fairly.

$$\underline{16} \div \underline{4} = \underline{4} \text{ each}$$

5. Two jars hold 8 and 6 buttons. Share the buttons fairly.

$$\underline{14} \div \underline{2} = \underline{7} \text{ each}$$

Mode and Mean

Find the mean: add, then divide. Then find the mode too.

Find the mean. Add the numbers, then divide.

Example

3, 5, 7

$$\underline{15} \div \underline{3} = \underline{5}$$

1. 6, 9, 3

$$\underline{18} \div \underline{3} = \underline{6}$$

2. 1, 7, 5, 3

$$\underline{16} \div \underline{4} = \underline{4}$$

3. 10, 4

$$\underline{14} \div \underline{2} = \underline{7}$$

4. 9, 8, 6, 10, 7

$$\underline{40} \div \underline{5} = \underline{8}$$

5. 11, 4, 12

$$\underline{27} \div \underline{3} = \underline{9}$$

Find the mean and the mode. Then finish the sentences.

6. Books Read This Month

Ava	Ben	Cal	Dee	Eli
1	3	3	9	4

Mean: 4 Mode: 3

If the children shared the books fairly, each would have 4 books.

That number is the mean mode

7. Goals Scored

Kai	Lia	Max	Nia	Omar
7	2	7	1	8

Mean: 5 Mode: 7

More players scored 7 goals than any other number.

That number is the mean mode