

Pictographs

Each picture stands for 2 students. Write how many, then answer.

Favorite Recess Games

Game	Number of Students	How many?
Tag	 2  4  6  8  9 Example	9
Jump Rope	  	_____
Soccer	      	_____
Hopscotch	  	_____
Swings	     	_____

Key: Each  = 2 students  = 1 student

1. Which game got the most votes? _____
2. Which game got the fewest votes? _____
3. How many more students chose Soccer than Jump Rope? _____
4. How many students voted in all? _____

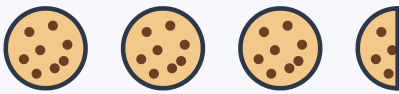
Pictographs

Use the table to make a pictograph. Draw the cookies.

Cookie	Number Sold
Sugar	7
Chocolate Chip	16
Oatmeal	11
Peanut Butter	8

Example

Sugar: 7 cookies



2 + 2 + 2 + 1 = 7

Draw 3 whole cookies and a half cookie.

Cookies Sold at the Bake Sale

Cookie	Number Sold
Sugar	 Example
Chocolate Chip	
Oatmeal	
Peanut Butter	

Key: Each  = 2 cookies  = 1 cookie

1. How many pictures did you draw for Chocolate Chip? _____

2. How many more Chocolate Chip cookies were sold than Oatmeal cookies? _____

Pictographs

Read each pictograph. Look at the key first.

Stickers Our Class Earned

Day	Number of Stickers
Monday	  
Tuesday	    
Wednesday	 
Thursday	   
Friday	

Key: Each  = 5 stickers

Pizza Slices Sold

Pizza	Number of Slices
Cheese	    
Pepperoni	    
Veggie	  
Sausage	 

Key: Each  = 10 slices
 = 5 slices

1. How many stickers on Tuesday?

Example 25

4. How many cheese slices were sold?

Example 45

2. How many more stickers on Thursday than on Friday?

5. How many fewer sausage slices were sold than pepperoni slices?

3. How many more stickers on Monday and Wednesday together than on Thursday?

6. How many more cheese and veggie slices together than pepperoni slices?

Pictographs

Make a pictograph. Write the title and finish the key.

Kind of Book	Books Read
Animals	40
Jokes	25
Space	60
Sports	35

- 1 Write a title.
- 2 Write a label for the rows.
- 3 Finish the key. Each picture is **10** books.
- 4 Draw the pictures for each row.

Title: _____

	Number of Books
Animals	 Example
Jokes	
Space	
Sports	

Key: Each = _____ books = _____ books

1. How many more space books than joke books? _____

2. How many books did the class read in all? _____

3. The class wants to read **200** books. How many more books do they need to read? _____

Pictographs

Try different keys, finish a pictograph, and pick the best key.

How many pictures does each number need?

Students	 = 2	 = 5	 = 10
20 Example	10	4	2
10	_____	_____	_____
30	_____	_____	_____

When the key is bigger, do you need more pictures or fewer?

more fewer

Finish the graph. Write the missing numbers and draw the missing apples.

Apples Picked

Name	Number of Apples	Number
Ana	    Example	<u>35</u>
Ben	     	50
Kai	 	_____
Mia	     	45

Key: Each  = 10 apples  = 5 apples

Ben and Kai put their apples together. How many more apples do they have than Mia?

Which key is best? Use whole pictures only, and as few as you can.

Example
60, 80, 40, 90
2 5 **10**
6, 8, 4, 9 pictures

15, 25, 35, 20
2 5 10

8, 12, 6, 14
2 5 10

30, 50, 20, 70
2 5 10

Pictographs

Each picture stands for 2 students. Write how many, then answer.

Favorite Recess Games

Game	Number of Students	How many?
Tag	 2  4  6  8  9 Example <td><u>9</u></td>	<u>9</u>
Jump Rope		<u> </u>
Soccer		<u> </u>
Hopscotch		<u> </u>
Swings		<u> </u>

Key: Each  = 2 students  = 1 student

1. Which game got the most votes? _____
2. Which game got the fewest votes? _____
3. How many more students chose Soccer than Jump Rope? _____
4. How many students voted in all? _____

Pictographs

Use the table to make a pictograph. Draw the cookies.

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Oatmeal	11
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Example

Sugar: 7 cookies


 $2 + 2 + 2 + 1 = 7$

Draw 3 whole cookies and a half cookie.

Cookies Sold at the Bake Sale

Cookie	Number Sold
Sugar	 Example
Chocolate Chip	
Oatmeal	
Peanut Butter	

Key: Each  = 2 cookies  = 1 cookie

1. How many pictures did you draw for Chocolate Chip? _____
2. How many more Chocolate Chip cookies were sold than Oatmeal cookies? _____

Pictographs

Read each pictograph. Look at the key first.

Stickers Our Class Earned

Day	Number of Stickers
Monday	  
Tuesday	    
Wednesday	 
Thursday	   
Friday	

Key: Each  = 5 stickers

Pizza Slices Sold

Pizza	Number of Slices
Cheese	    
Pepperoni	    
Veggie	  
Sausage	 

Key: Each  = 10 slices
 = 5 slices

1. How many stickers on Tuesday?

Example 25

4. How many cheese slices were sold?

Example 45

2. How many more stickers on Thursday than on Friday?

5. How many fewer sausage slices were sold than pepperoni slices?

3. How many more stickers on Monday and Wednesday together than on Thursday?

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Pictographs

Make a pictograph. Write the title and finish the key.

Kind of Book	Books Read
Animals	40
Jokes	25
Space	60
Sports	35

- 1

Write a title.
- 2

Write a label for the rows.
- 3

Finish the key. Each picture is **10** books.
- 4

Draw the pictures for each row.

Title: _____

_____	Number of Books
Animals	Example
Jokes	
Space	
Sports	

Key: Each = _____ books = _____ books

1.

How many more space books than joke books?

2.

How many books did the class read in all?

3.

The class wants to read **200** books. How many more books do they need to read?

Pictographs

Try different keys, finish a pictograph, and pick the best key.

How many pictures does each number need?

Students	 = 2	 = 5	 = 10
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10	_____	_____	_____
30	_____	_____	_____

When the key is bigger, do you need more pictures or fewer?

more fewer

Finish the graph. Write the missing numbers and draw the missing apples.

Apples Picked

Name	Number of Apples	Number
Ana	    Example	<u>35</u>
Ben	     	50
Kai	 	_____
Mia	     	45

Key: Each  = 10 apples  = 5 apples

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15, 25, 35, 20

2 5 10

8, 12, 6, 14

2 5 10

30, 50, 20, 70

2 5 10

Pictographs

Each picture stands for 2 students. Write how many, then answer.

Favorite Recess Games

Game	Number of Students	How many?
Tag	     Example	<u>9</u>
Jump Rope	  	<u>6</u>
Soccer	      	<u>14</u>
Hopscotch	  	<u>5</u>
Swings	     	<u>11</u>

Key: Each  = 2 students  = 1 student

1. Which game got the most votes?

Soccer

2. Which game got the fewest votes?

Hopscotch

3. How many more students chose Soccer than Jump Rope?

8

4. How many students voted in all?

45

Pictographs

Use the table to make a pictograph. Draw the cookies.

Cookie	Number Sold
Sugar	7
Chocolate Chip	16
Oatmeal	11
Peanut Butter	8

Example

Sugar: 7 cookies






 $2 + 2 + 2 + 1 = 7$

Draw 3 whole cookies and a half cookie.

Cookies Sold at the Bake Sale

Cookie	Number Sold
Sugar	    Example
Chocolate Chip	        
Oatmeal	        
Peanut Butter	        

Key: Each  = 2 cookies  = 1 cookie

1. How many pictures did you draw for Chocolate Chip?

8

2. How many more Chocolate Chip cookies were sold than Oatmeal cookies?

5

Pictographs

Read each pictograph. Look at the key first.

Stickers Our Class Earned

Day	Number of Stickers
Monday	☆ ☆ ☆
Tuesday	☆ ☆ ☆ ☆ ☆
Wednesday	☆ ☆
Thursday	☆ ☆ ☆ ☆
Friday	☆

Key: Each ☆ = 5 stickers

1. How many stickers on Tuesday?

Example

25

2. How many more stickers on Thursday than on Friday?

15

3. How many more stickers on Monday and Wednesday together than on Thursday?

5

Pizza Slices Sold

Pizza	Number of Slices
Cheese	🍕 🍕 🍕 🍕 🍕
Pepperoni	🍕 🍕 🍕 🍕 🍕
Veggie	🍕 🍕 🍕
Sausage	🍕 🍕

Key: Each 🍕 = 10 slices

🍕 = 5 slices

4. How many cheese slices were sold?

Example

45

5. How many fewer sausage slices were sold than pepperoni slices?

30

6. How many more cheese and veggie slices together than pepperoni slices?

20

Pictographs

Make a pictograph. Write the title and finish the key.

Kind of Book	Books Read
Animals	40
Jokes	25
Space	60
Sports	35

- ① Write a title.
- ② Write a label for the rows.
- ③ Finish the key. Each picture is **10** books.
- ④ Draw the pictures for each row.

Title: _____

Books We Read

Example title.
Answers will vary.

Kind of Book	Number of Books
Animals	 Example
Jokes	
Space	
Sports	

Key: Each  = 10 books  = 5 books

1. How many more space books than joke books?

35

2. How many books did the class read in all?

160

3. The class wants to read **200** books. How many more books do they need to read?

40

Pictographs

Try different keys, finish a pictograph, and pick the best key.

How many pictures does each number need?

Students	😊 = 2	😊 = 5	😊 = 10
20 Example	10	4	2
10	<u>5</u>	<u>2</u>	<u>1</u>
30	<u>15</u>	<u>6</u>	<u>3</u>

When the key is bigger, do you need more pictures or fewer?

more

fewer

Finish the graph. Write the missing numbers and draw the missing apples.

Apples Picked

Name	Number of Apples	Number
Ana	    Example	<u>35</u>
Ben	     	<u>50</u>
Kai	 	<u>20</u>
Mia	     	<u>45</u>

Key: Each  = 10 apples  = 5 apples

Ben and Kai put their apples together. How many more apples do they have than Mia?

25

Which key is best? Use whole pictures only, and as few as you can.

Example

60, 80, 40, 90

2 5 **10**

6, 8, 4, 9 pictures

15, 25, 35, 20

2 **5** 10

3, 5, 7, 4 pictures

8, 12, 6, 14

2 5 10

4, 6, 3, 7 pictures

30, 50, 20, 70

2 5 **10**

3, 5, 2, 7 pictures