



**THIRD SPACE  
LEARNING**

# Pictogram Worksheet

**Measurement and Data**













**Grades 1 to 3**

## Questions

Name: .....

Date: .....

Ms. Chen asked her class, "What is your favorite ice cream?" The graph shows what they picked. Each student picked one flavor.

Ice cream flavor	
Vanilla	   
Chocolate	    
Strawberry	  

Key



= 1 student

Use the graph to answer questions 1 to 6.

1 Which flavor is the most popular?

Answer

2 How many students chose Strawberry as their favorite flavor?

Answer

3 How many students answered the question?

Answer

4 How many more students picked chocolate than vanilla?

Answer













5 Which flavor do the fewest students like?

Answer


6 Ms. Chen asks two more students. They both say strawberry is their favorite. What is the new total for strawberry?

Answer

The graph shows the number of buses needed for each class's field trip.

Buses needed for a field trip	
Class A	  
Class B	 
Class C	   
Class D	  

Key

 = 1 bus

Use the graph to answer questions 7 to 11.

## Pictogram Worksheet | Grades 1 to 3

7 How many buses does Class C need?

Answer

---



8 Which class needs the least number of buses? How many do they need?

Answer

---



9 How many buses are needed in total for all classes?

Answer

---



10 How many more buses does Class C need than Class B?

Answer

---



11 Class D and Class A combine their field trips. How many buses do they need together?

Answer

---



## Pictogram Worksheet | Grades 1 to 3

- 12 Fill in the graph using the data:  
Tree 1 has 5 apples. Tree 2 has 3 apples. Tree 3 has 4 apples.

Number of apples	
Tree 1	
Tree 2	
Tree 3	
















Key  
= 1 apple

- 13 In question 12, which tree had the most apples? How many more apples did it have than Tree 2?

Answer

The graph shows how many tickets were sold each day for the school carnival.

Tickets sold	
Monday	 
Tuesday	  
Wednesday	
Thursday	   
Friday	  



Key  
= 10 tickets sold

Use the graph to answer questions 14 to 18.

14 How many tickets were sold on Thursday?

Answer

---

15 How many more tickets were sold on Tuesday than on Wednesday?

Answer

---

16 Which day had the least number of tickets sold, and how many tickets were sold that day?

Answer

---

17 What is the total number of tickets sold from Monday to Friday?

Answer

---

18 Each ticket costs \$2. What was the total cost of the tickets sold on Friday?

Answer

---

## Pictogram Worksheet | Grades 1 to 3

- 19 Fill in the graph using the data:  
Maya sold 25 cookies. Noah sold 15 cookies. Olivia sold 20 cookies.

Cookies sold	
Maya	
Noah	
Olivia	



Key  
= 5 cookies

- 20 In question 19, how many more cookies did Maya sell than Noah?







































Answer










































## Answers

Question number	Question	Answers	Standard
1	Which flavor is the most popular?	Chocolate	1.MD.C.4
2	How many students chose Strawberry as their favorite flavor?	3 students	1.MD.C.4
3	How many students answered the question?	12 students	1.MD.C.4
4	How many more students picked chocolate than vanilla?	1 more student	1.MD.C.4
5	Which flavor do the fewest students like?	Strawberry	1.MD.C.4
6	Ms. Chen asks two more students. They both say strawberry is their favorite. What is the new total for strawberry?	5 students	1.MD.C.4
7	How many buses does Class C need?	4 buses	2.MD.D.10
8	Which class needs the least number of buses? How many do they need?	Class B needs the least, with 2 buses.	2.MD.D.10
9	How many buses are needed in total for all classes?	12 buses	2.MD.D.10
10	How many more buses does Class C need than Class B?	2 more buses	2.MD.D.10
11	Class D and Class A combine their field trips. How many buses do they need together?	6 buses	2.MD.D.10



# Pictogram Worksheet | Grades 1 to 3 | Answers

Question number	Question	Answers	Standard																
12	<p>Fill in the graph using the data: Tree 1 has 5 apples. Tree 2 has 3 apples. Tree 3 has 4 apples.</p> <table><tr><th colspan="2">Number of apples</th></tr><tr><td>Tree 1</td><td></td></tr><tr><td>Tree 2</td><td></td></tr><tr><td>Tree 3</td><td></td></tr></table> <div>Key  = 1 apple</div>	Number of apples		Tree 1		Tree 2		Tree 3		<table><tr><th colspan="2">Number of apples</th></tr><tr><td>Tree 1</td><td></td></tr><tr><td>Tree 2</td><td></td></tr><tr><td>Tree 3</td><td></td></tr></table> <div>Key  = 1 apple</div>	Number of apples		Tree 1	    	Tree 2	  	Tree 3	   	2.MD.D.10
Number of apples																			
Tree 1																			
Tree 2																			
Tree 3																			
Number of apples																			
Tree 1	    																		
Tree 2	  																		
Tree 3	   																		
13	In question 12, which tree had the most apples? How many more apples did it have than Tree 2?	Tree 1; 2 more apples	2.MD.D.10																
14	How many tickets were sold on Thursday?	40 tickets	3.MD.B.3																
15	How many more tickets were sold on Tuesday than on Wednesday?	20 more tickets	3.MD.B.3																
16	Which day had the least number of tickets sold, and how many tickets were sold that day?	Wednesday; 10 tickets	3.MD.B.3																
17	What is the total number of tickets sold from Monday to Friday?	130 tickets	3.MD.B.3																
18	Each ticket costs \$2. What was the total cost of the tickets sold on Friday?	\$60	3.MD.B.3																




Question number	Question	Answers	Standard																
19	<p>Fill in the graph using the data: Maya sold 25 cookies. Noah sold 15 cookies. Olivia sold 20 cookies.</p> <table><tr><th colspan="2">Cookies sold</th></tr><tr><td>Maya</td><td></td></tr><tr><td>Noah</td><td></td></tr><tr><td>Olivia</td><td></td></tr></table> <div>Key  = 5 cookies</div>	Cookies sold		Maya		Noah		Olivia		<table><tr><th colspan="2">Cookies sold</th></tr><tr><td>Maya</td><td></td></tr><tr><td>Noah</td><td></td></tr><tr><td>Olivia</td><td></td></tr></table> <div>Key  = 5 cookies</div>	Cookies sold		Maya	    	Noah	  	Olivia	    	3.MD.B.3
Cookies sold																			
Maya																			
Noah																			
Olivia																			
Cookies sold																			
Maya	    																		
Noah	  																		
Olivia	    																		
20	<p>In question 19, how many more cookies did Maya sell than Noah?</p>	10 more cookies	3.MD.B.3																

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