MATH

Picture graphs

Name _____ Date _____

I can read and make a picture graph.

1 How it works

A picture graph uses one picture for each thing. Line the pictures up from the same starting place, so you can see which row is longest. Count the pictures in a row to find how many.



2 Read the picture graph

Favorite fruit

apples	
bananas	
grapes	
cherries	

Key: each picture stands for 1 vote

1. How many votes for apples? _____
2. Which has the most? _____
3. Which has the fewest? _____

How did I do? ☆ ☆ ☆

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Make a picture graph

Name _____ Date _____

I can make a picture graph from a tally chart.

1 Use the tally chart

Category	Tally	Number
whales	|||	
dolphins	𝍸 |	
crabs	𝍸	
octopuses	||	

2 Draw one picture for each

Sea animals we saw

whales	
dolphins	
crabs	
octopuses	

Key: each picture stands for 1 animal

1. How many more crabs than whales? _____
2. How many animals in all? _____

How did I do? ☆ ☆ ☆

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Read and compare

Name _____ Date _____

I can compare the data in a graph.

1 Read the picture graph

Favorite pet

dogs	
cats	
fish	
rabbits	

Key: each picture stands for 1 vote

2 Answer the questions

1. How many votes for fish?
2. Which has the most?
3. Which has the fewest?
4. How many more votes for fish than for rabbits?
5. How many votes in all?

How did I do? ☆ ☆ ☆

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Word problems

Name _____ Date _____

I can use data to solve problems.

1 Read, think, answer

1 A picture graph shows 7 dogs and 4 cats. How many more dogs than cats?

Answer:

2 Each picture stands for 1 book. Zara has 6 pictures and Ali has 5. How many books in all?

Answer:

3 A picture graph shows 3 sunny days, 5 rainy days and 2 cloudy days. Which weather happened the most?

Answer:

4 Zara wants to add 4 fish to the picture graph. Each picture is 1 fish. How many pictures should Zara draw?

Answer:

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: picture graphs

1 Page 1

Read the picture graph: 1) 5 2) grapes 3) bananas.

2 Page 2

Pictures: whales 3, dolphins 6, crabs 5, octopuses 2.
Questions: 1) 2 2) 16.

3 Page 3

Questions: 1) 4 2) cats 3) dogs 4) 1 5) 13.

4 Page 4: word problems

1) 3 more dogs (7 − 4 = 3)
2) 11 books (6 + 5 = 11)
3) Rainy (5 days)
4) 4 pictures

5 Teaching tip

Make a picture graph on the floor with real objects (shoes or crayons) before drawing one on paper.

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