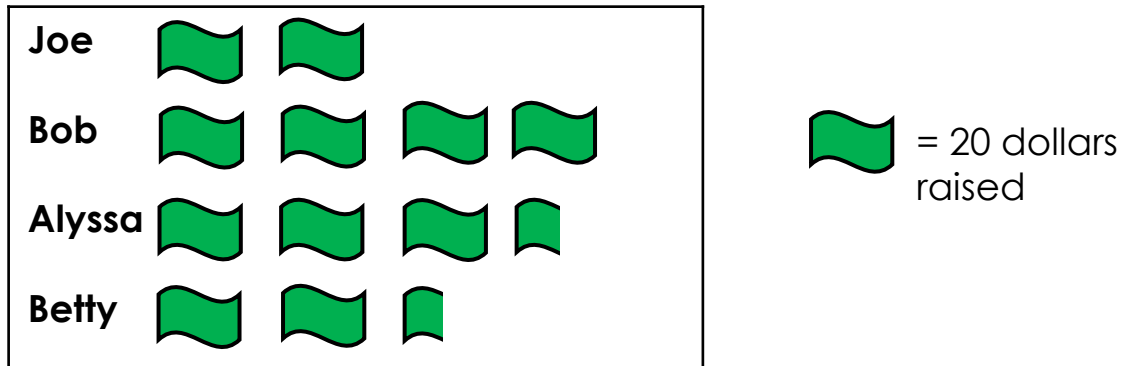# Reading a Pictograph Example

* A pictograph uses a picture to represent an amount on a graph.

Money Collected for School Fundraiser in Mr. Smith's Class

How much money did Joe raise?
Joe raised $40. He has two bills and each bill means $20. 20 + 20 = 40.

What was the largest amount of money raised?
Bob raised the most amount of money because he has the most bills. 20 x 4 = 80.
The largest amount raised was $80.

How much money did Betty raise?
Betty has two whole bills. 20 + 20 = 40. She also has one HALF bill. 20 ÷ 2 = 10.
40 + 10 = 50. Betty raised $50.

How much money was raised in total?
Joe raised 40, Bob raised 80, Alyssa raised 70 and Betty raised 50.
40 + 80 + 70 + 50 = $240 raised in total.

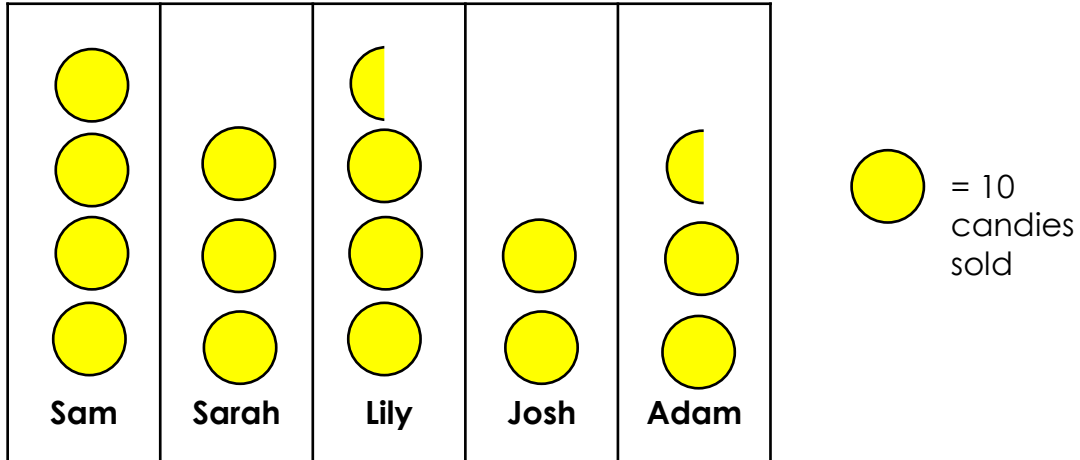How much more money did Alyssa raise than Joe?
Alyssa raised 70 and Joe raised 40. 70 – 40 = 30. Alyssa raised $30 more than Joe.

Practice reading a pictograph on your own on the next page!

Reading a Pictograph Practice

Use the graph below to answer the questions. Mr. Smith's class sold candies as a fundraiser for field trips. They kept track of the candy sold on a pictograph.

| Sam | Sarah | Lily | Josh | Adam |

= 10 candies sold

How many candies did Lily sell?

_____

How many candies did Sam sell?

_____

How many more candies did Sam sell than Josh?

_____

Who sold the most candies?

_____

How many candies were sold in total?

_____

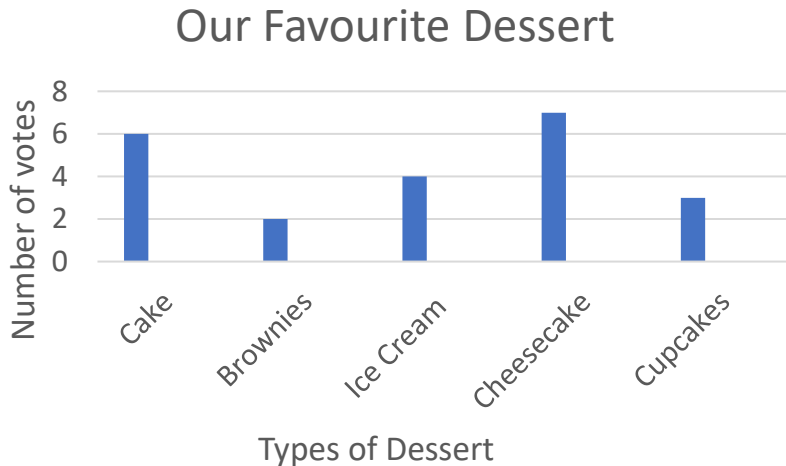Write another question and its answer:

Question: _____

Answer: _____

Reading a Bar Graph Example

* A bar graph uses bars to compare against one question.

Mr. Smith asked his class what their favourite desserts are. Use the graph below to answer the questions.

Our Favourite Dessert

How many students voted on their favourite dessert?
6 + 2 + 4 + 7 + 3 = 22 students in total

Which dessert was the favourite?
Cheesecake because it has a total of 7 votes. This is the highest amount of votes for a dessert.

Which dessert was the least popular among the class?
Brownies because they have the least amount of votes and therefore the smallest bar on the graph.

How many votes did cupcakes get?
Cupcakes got 3 votes. I know this because the bar lands between 2 and 4, which makes it 3.
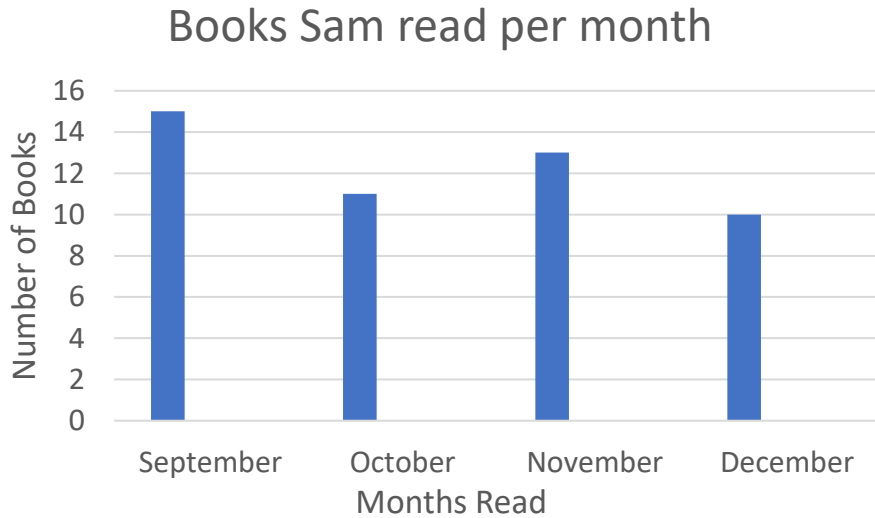
How many more votes did cake get than ice cream?
Cake got 6 votes and ice cream got 4. 6 – 4 = 2. Cake got 2 more votes than ice cream.

Practice reading a bar graph on your own on the next page!

Reading a Bar Graph Practice

Sam kept track of how many books he read each month. Use the bar graph to answer the questions below.

Books Sam read per month

How many books did Sam read in September?

_____

How many more books did Sam read in September than in December?

_____

Which month did Sam read the most books in?

_____

How many books did Sam read all together?

_____

How many book did Sam read in November?

_____

Write another question and its answer:

Question: _____

Answer: _____

Create a Graph

Carly kept track of the number of students who ate sandwiches for lunch in her class. Use the data in this chart to create a bar graph OR a pictograph.

Days of the Week	Number of Sandwiches Eaten
Monday	6
Tuesday	9
Wednesday	14
Thursday	2
Friday	8