

Content and Language Objectives 1.1:

Students will decide when it is appropriate to use a bar graph or a dot plot to represent and describe data and be able to justify their choice of representation after:

- a.) exploring the different types of representations and how they display data
- b.) gaining an understanding of the terms maximum, minimum and range

DO NOW

Explain in your own words how to find the minimum of a data set, the maximum of a data set and the range of a data set.

Please use complete sentences to explain your thinking and make sure to use mathematical terms in your explanation.

Content and Language Objectives 1.1:

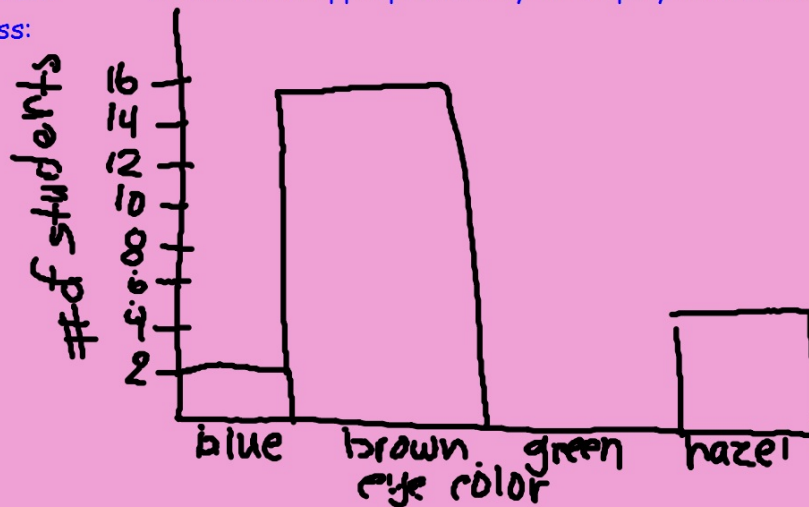
Students will decide when it is appropriate to use a bar graph or a dot plot to represent and describe data and be able to justify their choice of representation after:

- a.) exploring the different types of representations and how they display data
- b.) gaining an understanding of the terms maximum, minimum and range

Let's find data on the different types of eye color in the class:

Blue: 2
Brown: 16
Green: 0
Hazel: 5

What is the appropriate way to display this data?



Content and Language Objectives 1.1:

Students will decide when it is appropriate to use a bar graph or a dot plot to represent and describe data and be able to justify their choice of representation after:

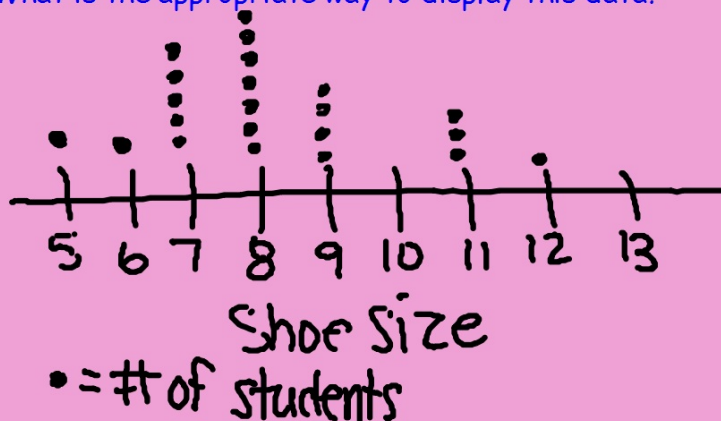
- exploring the different types of representations and how they display data
- gaining an understanding of the terms maximum, minimum and range

pg 41 1-4

Let's find data on the different shoe sizes in the class:

Shoe Size	Number of People
5	1
6	1
7	5
8	7
9	5
10	0
11	3
12	1
13	1

What is the appropriate way to display this data?



Content and Language Objectives 1.1:

Students will decide when it is appropriate to use a bar graph or a dot plot to represent and describe data and be able to justify their choice of representation after:

- a.) exploring the different types of representations and how they display data
- b.) gaining an understanding of the terms maximum, minimum and range

EXIT TICKET

Explain in your own words when is the best time to use a bar graph and when is the best time to use a dot plot and justify your reasoning.

