



**THIRD SPACE  
LEARNING**

# Exit Tickets

Domain: Statistics and  
Probability

6th grade

# Exit Tickets

Name: .....

Directions: Read each question below.

Circle all of the **statistical questions**.

Standard: 6.SP.A.1

Focus: Recognize a statistical question as one that anticipates variability in the data

What is the average height of 6th graders at my school?

What is my neighbor's favorite color?

At what temperature, in degrees Fahrenheit, does water boil?

How much time does my cat spend playing each day?

How much money does Frankie's family spend on groceries each month?



Name: .....

Directions: Answer each question about the dot plot shown below.

a. What is the range of the data? \_\_\_\_\_

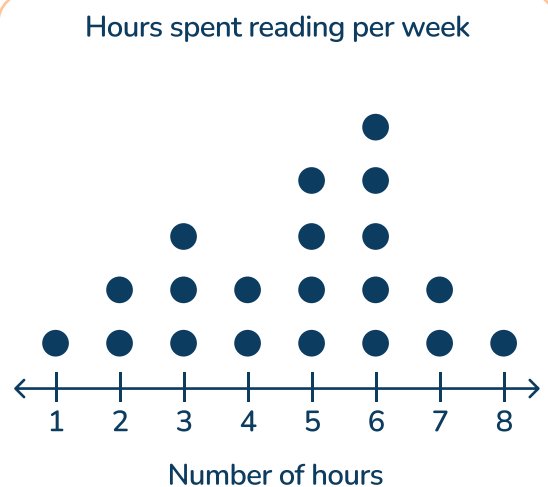
Does the range describe the **center** or the **spread** of the data? \_\_\_\_\_

b. What is the median of the data? \_\_\_\_\_

Does the median describe the **center** or the **spread** of the data? \_\_\_\_\_

Standard: 6.SP.A.2

Focus: Understand that a set of data has a distribution which can be described by its center, spread, and overall shape



Each dot represents 1 student



## Exit Tickets

Name: .....

Standard: 6.SP.A.3

Directions: Find the mean and median of the data set shown below.

Focus: Recognize a measure of center and a measure of variation for a numerical data set

125, 150, 117, 139, 134, 138, 139, 122

Mean: .....

Median: .....



Name: .....

Standard: 6.SP.B.4

Directions: Create a box plot to represent the dataset shown below which represents the scores (out of 100) of 20 students on a math test.

Focus: Display numerical data in plots on a number line

82, 96, 88, 94, 97, 65, 78, 70, 90, 99, 93, 60, 95, 78, 92, 97, 85, 83, 98, 72



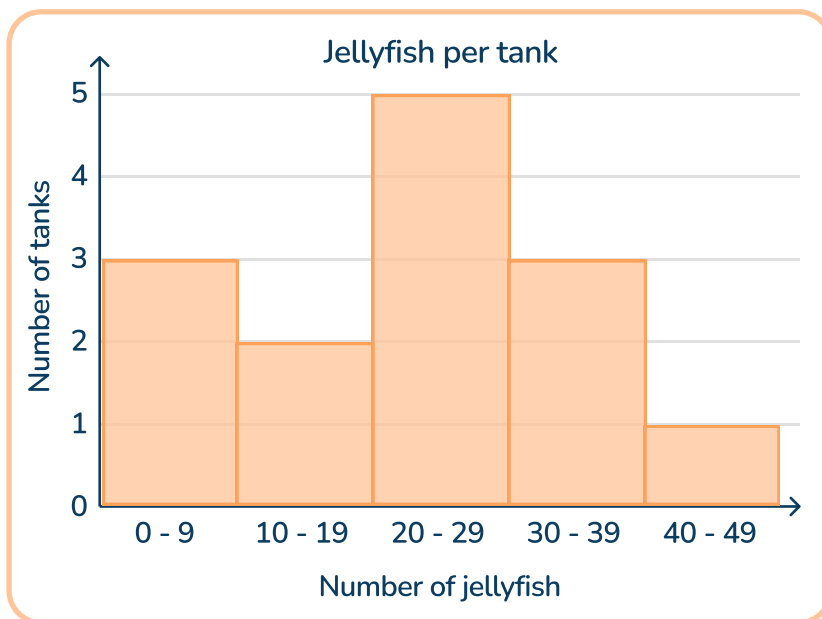
# Exit Tickets

Name: .....

Standard: 6.SP.B.5

Focus: Summarize numerical data sets in relation to their context

Directions: Use the histogram to answer each question below about the number of jellyfish in each tank at the aquarium.



a. How many data points are shown? .....

b. What bin is the median in? .....

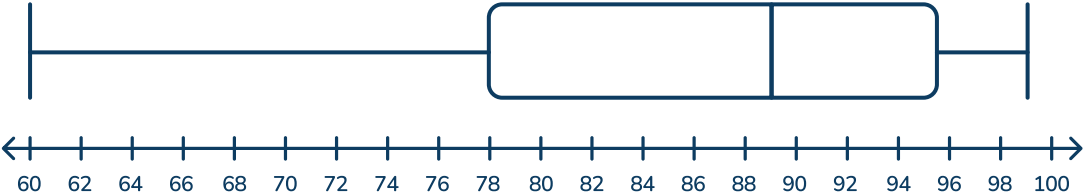
c. Describe the overall pattern of the data, including the variability around the median.

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Standard	Answer(s)
6.SP.A.1	<div data-bbox="308 282 750 477">What is the average height of 6th graders at my school?</div> <div data-bbox="1098 320 1347 439">What is my neighbor's favorite color?</div> <div data-bbox="726 454 1021 573">At what temperature, in degrees Fahrenheit, does water boil?</div> <div data-bbox="308 582 750 777">How much time does my cat spend playing each day?</div> <div data-bbox="1002 582 1444 777">How much money does Frankie's family spend on groceries each month?</div>
6.SP.A.2	a. 7; spread b. 5; center
6.SP.A.3	Mean: 133 Median: 136
6.SP.B.4	<p data-bbox="710 1122 992 1160">Math Test Scores</p> 
6.SP.B.5	a. 14 b. 20-29 c. Responses may vary. Example response: There are 5 data points in the median bin. There are 5 below the median bin that fall from 0-19 and 4 above that fall from 30-49. Since the median bin is the largest, the data is somewhat symmetrical, with the other bins sloping down from it, though the first bin breaks this pattern by being taller than the second.

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