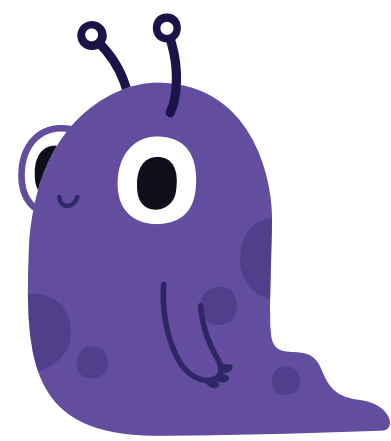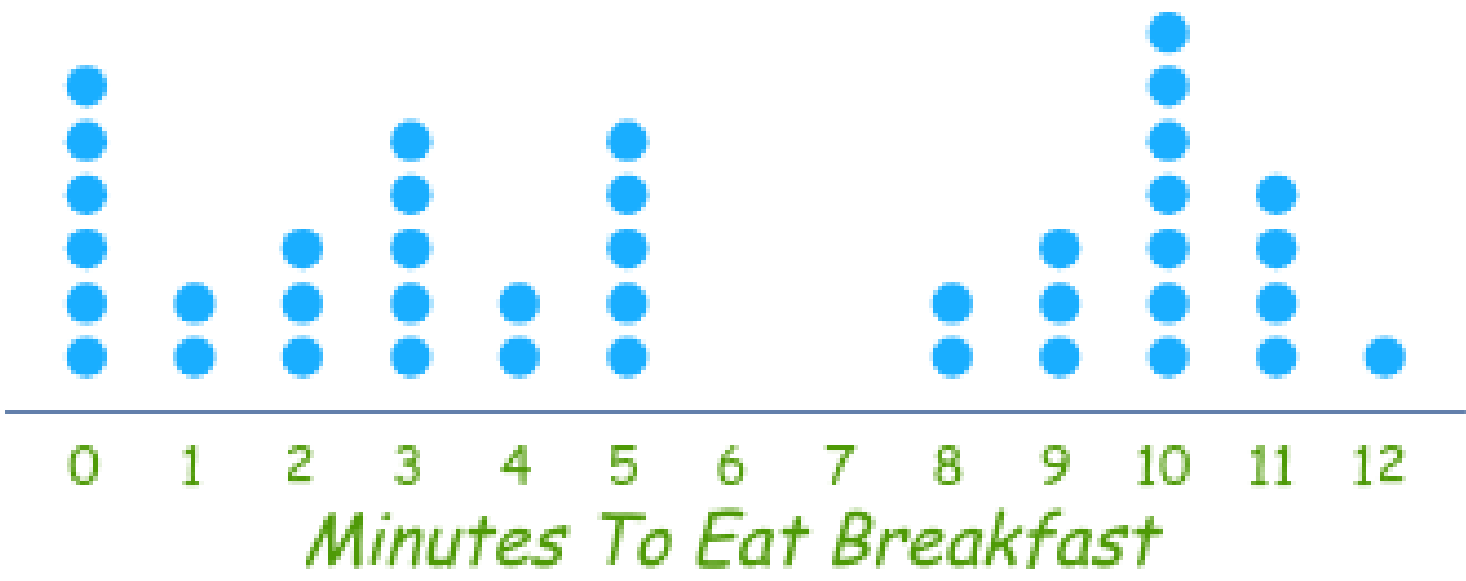# DOT PLOT WORKSHEETS

Name :

Date :

Dot plot - (Also know as strip plot) displays data values as dots above a number line

This data shows the marks from A survey of "How long does it take you to eat breakfast?" has these results:

Minutes :	0	1	2	3	4	5	6	7	8	9	10	11	12
People :	6	2	3	5	2	5	0	0	2	3	7	4	1

Which means that 6 people take 0 minutes to eat breakfast (they probably had no breakfast!), 2 people say they only spend 1 minute having breakfast, etc.
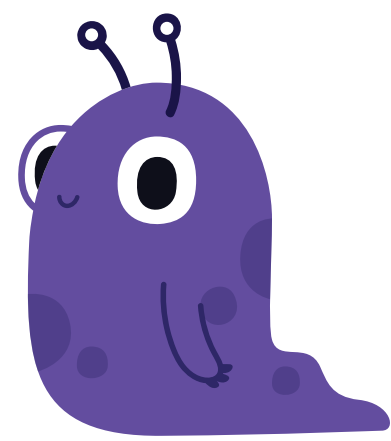
And here is the dot plot:

Minutes To Eat Breakfast

1. How many students took 8 minutes or more to eat their breakfast?

2. What percentage of students ate their breakfast in 5 minutes or less?

3. What is the average time it takes this group of students to eat their breakfast?

Let's create our own dot plot

Karen asked her classmates how many siblings they have, and gathered that 3 classmates have no siblings, 4 classmates have one sibling, 6 classmates have two siblings, and 1 classmate has four siblings. Make a dot plot to display these results
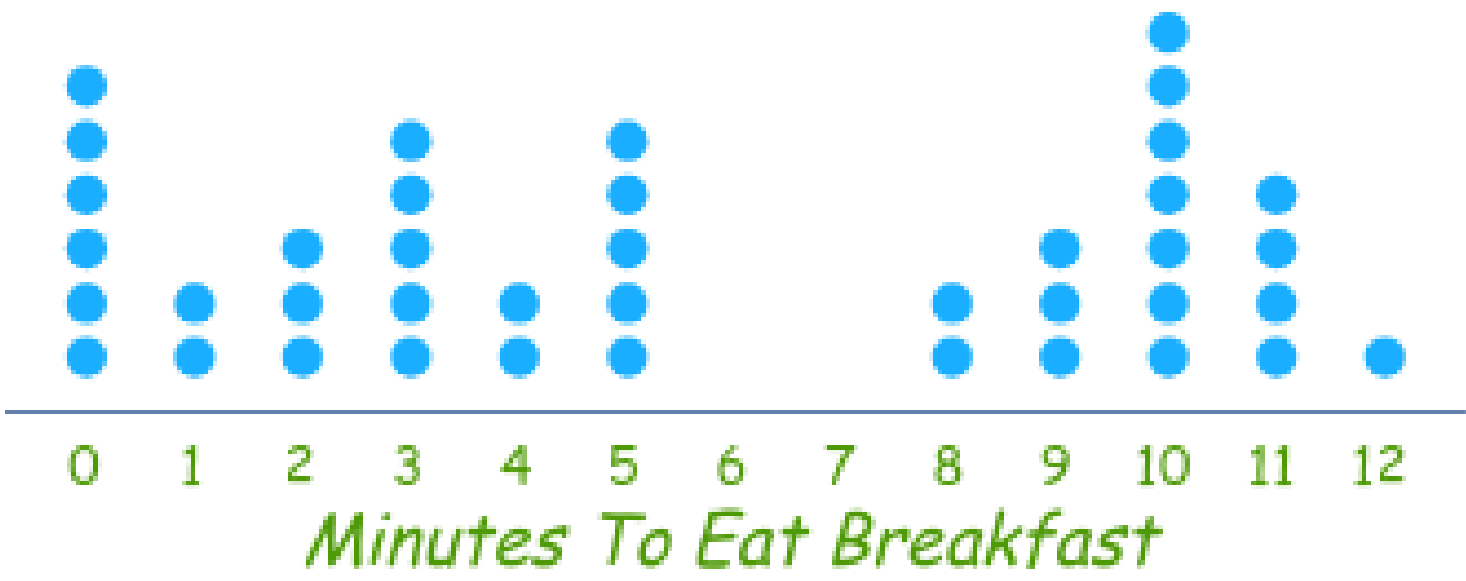
DOT PLOT WORKSHEETS

Dot plot - (Also know as strip plot) displays data values as dots above a number line

This data shows the marks from A survey of "How long does it take you to eat breakfast?" has these results:

Minutes :	0	1	2	3	4	5	6	7	8	9	10	11	12
People :	6	2	3	5	2	5	0	0	2	3	7	4	1

Which means that 6 people take 0 minutes to eat breakfast (they probably had no breakfast!), 2 people say they only spend 1 minute having breakfast, etc.

And here is the dot plot:

Minutes To Eat Breakfast

1. How many students took 8 minutes or more to eat their breakfast? **17**

2. What percentage of students ate their breakfast in 5 minutes or less? **18/40 = 45 %**

3. What is the average time it takes this group of students to eat their breakfast? **225/40 = 5.625**

Let's create our own dot plot

Karen asked her classmates how many siblings they have, and gathered that 3 classmates have no siblings, 4 classmates have one sibling, 6 classmates have two siblings, and 1 classmate has four siblings. Make a dot plot to display these results

Number of Siblings