

Standard:

6.SP.B.4

Display numerical data in plots on a number line, including dot plots, histograms, and box plots.

Level 1: Blue paper - friendly and fewer numbers

5 people reported the number of hours they work in a week.

Person	Person A	Person B	Person C	Person D	Person E
Hours worked	24	28	22	20	36

The table shows the number of miles that students live from school.

2	1	3	2	9	4	3	5	5	3	1	1	2	3	4
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The table shows the temperatures for the first 11 days in March (°F)

24	35	64	60	35	21	31	28	49	57	50
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Ms Londo measured the distances she ran while training for the marathon.

12	6	8	6	8	29	15
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Ms Orth fed her two cats different amounts of cans over the course of a week.

Day of the Week	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
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Number of cans	2	5	1	2	1	13	2
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The table shows the temperatures for the first week of August (°F)

92	93	91	88	75	89	91
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Level 2: Green paper - more challenging numbers and longer data sets

The table shows the width of computer screens in inches

13	13	14.5	13.5	14	13	14.5	13.5	17	14.5	13	14
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The table shows the number of minutes it took 20 students to solve a math puzzle.

3	5	4	6	4	8	5	9	5	3	4	7	5	8	6	3	6	5	7	5
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The data shows the prices of items sold at a used furniture store.

\$25	\$30	\$34	\$28	\$30	\$22	\$75	\$110	\$22	\$32	\$30	\$125
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The table shows the number of miles Ms Londo ran to train for a marathon.

8.5	8	12.5	12	8.5	9	9.5	9.5	12	8.5	20	12
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The table shows the electric bill over the course of a year.

Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
\$95	\$85	\$85	\$105	\$120	\$135	\$140	\$135	\$115	\$95	\$85	\$105

The table shows the number of times a student got kicked out of class in the month of April.

0	1	3	1	2	1	3	0	5	0	1	3	0	1	3	0	2	5	1	2
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Number of minutes it takes people's hair to dry without a hair dryer.

120	50	0	20	35	45	60	25	45	60	80	15	20	35	90	15
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Level 3: Yellow paper - challenging numbers

The table shows the number of miles a person ran over the course of two weeks.

$2\frac{3}{4}$	$2\frac{3}{4}$	$3\frac{1}{4}$	5	$5\frac{3}{4}$	$6\frac{1}{4}$	$5\frac{3}{4}$	$3\frac{1}{2}$	$4\frac{1}{2}$	$3\frac{3}{4}$	5	$3\frac{1}{2}$	$4\frac{3}{4}$	$3\frac{1}{4}$
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Pencil lengths in room 206 (in inches)

$8\frac{1}{4}$	$7\frac{3}{4}$	$6\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{4}$	$5\frac{3}{4}$	$6\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{1}{2}$	$6\frac{1}{2}$	$5\frac{1}{4}$	$3\frac{3}{4}$	$4\frac{1}{2}$	$8\frac{1}{4}$	$7\frac{3}{4}$	$6\frac{1}{2}$	$5\frac{3}{4}$	$7\frac{3}{4}$
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Mass of exoplanets in Jupiters.

Planet	Mass in Jupiters
11 Comae Berenices b	15.465
11 Ursae Minoris b	14.74
14 Andromedae b	3.559
14 Herculis b	8.053
16 Cygni B b	1.78
7 Scorpii b	4.32
18 Delphini b	9.207
24 Bootis b	0.883
24 Sextantis b	1.99
24 Sextantis c	0.86
2M0437 b	4