Name _mykailah Cary_____ #____Date _____

Backpacks at Adams
Mean, Median, Mode, Range

Great job collecting data on the weights of backpacks at Adams! Let's see how heavy backpacks (measured in pounds) at Adams actually are!

1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
5, 4, 8, 5, 6	9, 10, 8, 9	11, 13, 6, 10, 9	15, 8, 10, 19, 13	6, 10, 5, 14

5×2   9×2

Calculate the mean, median, mode and range using this data set below. You must show work for every problem. However, you may use a calculator also.

1. Calculate the MEAN weight of backpacks (in lb).

9.26

2. Calculate the MEDIAN weight of backpacks (in lb).

4,5,5,6,6,8,8,9,9,10,10,10,10,11,13,13,14,15,19

9

3. Calculate the MODE weight of backpacks (in lb).

10

4. Calculate the RANGE in the weights of the backpacks (in lb).

19
- 4
15

Answer the following questions in COMPLETE SENTENCES.

4. Were the results what you were expecting? Was the mean less or more than what you were thinking? Why do you think this is? I think the mean was going to be more, because kids bring most of thier desk home I understand teachers give a lot of homework but, Kids blame it on the teacher. with all of the homewor, Kids bring home Notebook, textbook. Bring les stuff!

5. What "trends" or patterns do you notice about the weight of the backpacks as the grade level gets higher? Why do you think this is? 7th grade has the lowest backpack because they don't have all they stuff.

6. What questions do you still have about this data? Is there anything that doesn't seem to make sense or "match" the other data? 19 is a odd number because a kids at adams can get back Pain.

Backpacks at Adams
Mean, Median, Mode, Range

Great job collecting data on the weights of backpacks at Adams! Let's see how heavy backpacks (measured in pounds) at Adams actually are!

1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
5, 4, 8, 5, 6	9, 10, 8, 9	11, 13, 6, 10, 9	15, 8, 10, 19, 13	6, 10, 5, 14

Calculate the mean, median, mode and range using this data set below. You must show work for every problem. However, you may use a calculator also.

1. Calculate the MEAN weight of backpacks (in lb).

$$2\ 2\ 3$$
$$\times 9$$
$$\overline{207}$$

$$23\overline{)213}$$

$$9.26$$

2. Calculate the MEDIAN weight of backpacks (in lb).

4, 5, 5, 5, 6, 6, 6, 8, 8, 8, 9, 9, 9, 10, 10, 10, 10, 11, 13, 13, 14, 15, 15, 19

3. Calculate the MODE weight of backpacks (in lb).

10

4. Calculate the RANGE in the weights of the backpacks (in lb).

15

$$19$$
$$-\ 4$$
$$\overline{15}$$

Answer the following questions in COMPLETE SENTENCES.

4. Were the results what you were expecting? Was the mean less or more than what you were thinking? Why do you think this is? The results were less than I expected

5. What "trends" or patterns do you notice about the weight of the backpacks as the grade level gets higher? Why do you think this is? 5th graders' bookbag don't weigh a lot because the teacher don't make us bring binders or text books hom and fourt graders do.

6. What questions do you still have about this data? Is there anything that doesn't seem to make sense or "match" the other data? Why does one of the fourt graders' backpack weigh so much? I think it's they have alot of textbooks, books, note books, and folders.

Name _Alyson_ _____ #_____ Date _____

Backpacks at Adams
Mean, Median, Mode, Range

Great job collecting data on the weights of backpacks at Adams! Let's see how heavy backpacks (measured in pounds) at Adams actually are!

1ˢᵗ Grade	2ⁿᵈ Grade	3ʳᵈ Grade	4ᵗʰ Grade	5ᵗʰ Grade
5, 4, 8, 5, 6	9, 10, 8, 9	11, 13, 6, 10, 9	15, 8, 10, 19, 13	6, 10, 5, 14

Calculate the mean, median, mode and range using this data set below. You must show work for every problem. However, you may use a calculator also.

1. Calculate the MEAN weight of backpacks (in lb).

$213 \div 23 = 9.26$

9.26 lb

2. Calculate the MEDIAN weight of backpacks (in lb).

4, 5, 5, 6, 8, 9, 9, 10, 10, 11, 13, 14

3. Calculate the MODE weight of backpacks (in lb).

10

4. Calculate the RANGE in the weights of the backpacks (in lb).

15

Answer the following questions in COMPLETE SENTENCES.

4. Were the results what you were expecting? Was the mean less or more than what you were thinking? Why do you think this is?

The mean was more than I was expecting.

5. What "trends" or patterns do you notice about the weight of the backpacks as the grade level gets higher? Why do you think this is?

The fifth grade has less weight because the teacher don't make us take te book.

6. What questions do you still have about this data? Is there anything that doesn't seem to make sense or "match" the other data?

I think that the student who goes is the

19 lb.

Name _____#_____Date _____

Backpacks at Adams
Mean, Median, Mode, Range

Great job collecting data on the weights of backpacks at Adams! Let's see how heavy backpacks (measured in pounds) at Adams actually are!

1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
5, 4, 8, 5, 6	9, 10, 8, 9	11, 13, 6, 10, 9	15, 8, 10, 19, 13	6, 10, 5, 14

Calculate the mean, median, mode and range using this data set below. You must show work for every problem. However, you may use a calculator also.

1. Calculate the MEAN weight of backpacks (in lb).

mean   23√213

a = 213

d = 9.26

2. Calculate the MEDIAN weight of backpacks (in lb).

5, 4, 8, 5, 6, 9, 10, 8, 9, 11, 13, 6, 10, 9, 13, 8, 10, 19, 13,

6, 10, 5, 14   order

4, 5, 5, 5, 6, 6, 6, 8, 8, 8, 9, 9, 9, 10, 10, 10, 10, 11, 13, 13, 14, 15,

3. Calculate the MODE weight of backpacks (in lb).

4 = 1   8 = 3   11 = 1
5 = 3   9 = 3   13 = 2   15 = 1
6 = 3   10 = 4   14 = 1

(10)

4. Calculate the RANGE in the weights of the backpacks (in lb).

$$\begin{array}{r} 19 \\ -\ 4 \\ \hline 14 \end{array}$$

Answer the following questions in COMPLETE SENTENCES.

4. Were the results what you were expecting? Was the mean less or more than what you were thinking? Why do you think this is?

No, I was expecting it to be around at least 6 or 7. Teachers, please don't give them textbook homework all the time or binders.

5. What "trends" or patterns do you notice about the weight of the backpacks as the grade level gets higher? Why do you think this is?

I think this is because kids that are not in 5th grade (fifth) get textbook work and have to bring binders home.

6. What questions do you still have about this data? Is there anything that doesn't seem to make sense or "match" the other data?

19 because, that is a very heavy backpack.
"No more

Name _Lamya_ #_2_ Date _3-15-__

Backpacks at Adams
Mean, Median, Mode, Range

Great job collecting data on the weights of backpacks at Adams! Let's see how heavy backpacks (measured in pounds) at Adams actually are!

1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
5, 4, 8, 5, 6	9, 10, 8, 9	11, 13, 6, 10, 9	15, 8, 10, 19, 13	6, 10, 5, 14

Calculate the mean, median, mode and range using this data set below. You must show work for every problem. However, you may use a calculator also.

1. Calculate the MEAN weight of backpacks (in lb). _9 lb_

23/215

2. Calculate the MEDIAN weight of backpacks (in lb). _9 lb_

45,5,5,6,6,8,8,9,9,9,10,10,10,11,13,13,14,5,19

3. Calculate the MODE weight of backpacks (in lb). _10 lb_

4. Calculate the RANGE in the weights of the backpacks (in lb). _15 lb_

19
4
15

Answer the following questions in COMPLETE SENTENCES.

4. Were the results what you were expecting? Was the mean less or more than what you were thinking? Why do you think this is?

9

9 sounds right

I expected 9 pound, because 15 is too m___
and 4 is very light. I thought 9 pounds would b___
about right because _____

5. What "trends" or patterns do you notice about the weight of the backpacks as the grade level gets higher? Why do you think this is?

The backpacks gets heavier as the gr___
level get lighter. Forth grade take home
textbo__ and binders ____
b____,

6. What questions do you still have about this data? Is there anything that doesn't seem to make sense or "match" the other data?

~~Forth grade t~~
One of the forth graders k___
junk in their backpacks like basketballs,
football, paper that's not needed, textbooks,
& binders