

Analyze survey data

1

How many more kids like candy than ice cream as a treat?



A 15

B 11

C 5

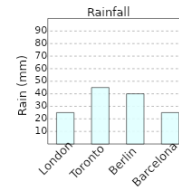
D 13

E 14

F 9

2

In which two cities did the same amount of rain fall?



A London and Barcelona

B Toronto and Berlin

C Toronto and Barcelona

D Toronto and London

3

What is the DIFFERENCE between the largest and smallest number of ice creams in these groups?



A 5

B 4

C 8

D 3

E 7

F 1

4

What is the RANGE of the number of ice creams in each group?



A 10

B 6

C 3

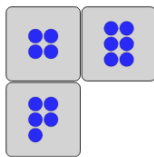
D 7

E 5

F 0

5

What is the MEDIAN number of circles in a group?



A 5

B 6

C 2

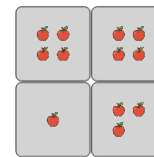
D 0

E 3

F 7

6

What is the MEAN (average) number of apples in each group?



A 3

B 0

C 4

D 7

E 2

F 1

7

If 5 numbers add up to 30, what is the mean?

A

0

B

9

C

10

D

4.5

E

6

F

4

8

Find the mean of the numbers (0, 2, 10) using the formula

$$\frac{0 + 2 + 10}{3}$$

A 7

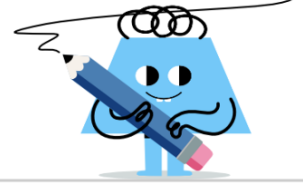
B 9

C 6

D 2

E 1

F 4

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12, 14, 11, 12, 14

A

11 12 12 14 14*two 12s*

B

11 12 12 14 14

14 – 11

C

11 12 12 14 14

→ → ← ←

10

4, 7, 3, 8, 3

A

$$\begin{array}{r} 4 + 7 + 3 + 8 + 3 \\ \hline 5 \end{array}$$

B

3 3 4 7 8

8 – 3

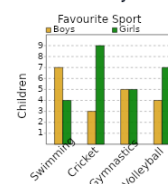
C

3 3 4 7 8
→ → ← ←

D

3 3 4 7 8*two 3s***11**

How many total children were surveyed?



A 46

B 44

C 37

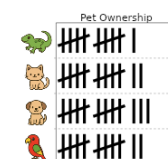
D 36

E 39

F 47

12

What is the average number of kids who own one of these types of pets?



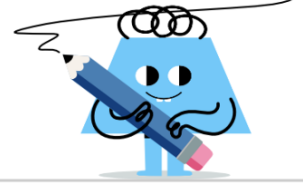
A 7

B 18

C 12

D 16

E 5



Analyze survey data

13

What is the first quartile (Q1) of this data set? The median of this data set is 67.

44, 62, 77, 61, 23, 72, 77, 80

A

77

B

52.5

C

67

D

64.75

14

6, 5, 33, 3, 3

6, 5, 33, 3, 3

A

5

B

7

C

9

D

13

E

10

F

6

15

19, 6, 13, 18, 19, 5, 9

19, 6, 13, 18, 19, 5, 9

A

7

B

16

C

14

D

13

E

19

F

18

16

4, 8, 7, 4

4, 8, 7, 4

A

6

B

2

C

5

D

9

E

4

F

1