Collect and Organize Data
Skill 4 - 4E

Median
Directions: Use the table to answer the questions.

Example

1.

Cups of Lemonade Sold						
Day	**Sun**	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
Lemonade	22	15	16	14	25	26	29

A. Put data in order from least to greatest.   14, 15, 16, 22, 25, 26, 29

B. The median is the middle number.   The median is 22

2.

Tickets Sold						
Day	**Sun**	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
Tickets	19	10	17	28	12	24	23

A. Order the data from least to greatest. _____

B. The median is the middle number. The median is _____

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3.   Example

Blue Jays Sighted							
Day	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Blue Jays	26	14	31	9	22	10	30	12

There are 2 middle numbers here. The median is the average or mean of the two middle numbers.

Put data in order from least to greatest. 9, 10, 12, 14, 22, 26, 30, 31

The two middle numbers are 14 and 22.

Add 14 and 22. The sum is 36.

Divide the sum by the number of addends. 36 ÷ 2 = 18   The median is 18.

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4.

Cookies Sold								
Day	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Cookies	23	12	25	7	27	20	14	11

A. Put data in order from least to greatest. _____

B. The median is the average or mean of the two middle numbers.

The median is _____

5.

Video Games Sold							
Day	**Sun**	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
Games	6	14	3	12	17	28	20

A. Order the data from least to greatest. _____

B. The median is the middle number. The median is _____

6.

Soft Drinks Sold								
Day	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Drinks	37	20	35	48	12	40	16	25

A. Put data in order from least to greatest. _____

B. The median is the average or mean of the two middle numbers.

The median is _____

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7.

Tickets Sold								
Day	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Tickets	23	11	26	10	28	18	13	14

A. Put data in order from least to greatest. _____

B. The median is the average or mean of the two middle numbers.

The median is _____

8.

Ice Cream Sold							
Day	**Sun**	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
Ice Cream	26	18	30	23	12	20	24

A. Order the data from least to greatest. _____

B. The median is the middle number. The median is _____

9.

Apples Sold								
Day	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Apples	48	30	60	19	56	28	25	42

A. Put data in order from least to greatest. _____

B. The median is the average or mean of the two middle numbers.

The median is _____

Page 1

1. **A.** 14, 15, 16, 22, 25, 26, 29   **B.** 22

2. **A.** 10, 12, 17, 19, 23, 24, 28   **B.** 19

3. **A.** Answer on worksheet

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4. **A.** 7, 11, 12, 14, 20, 23, 25, 27   **B.** $14 + 20 = 34$ $34 \div 2 = 17$
   The median is 17

5. **A.** 3, 6, 12, 14, 17, 20, 28   **B.** 14

6. **A.** 12, 16, 20, 25, 35, 37, 40, 48   **B.** $25 + 35 = 60$ $60 \div 2 = 30$
   The median is 30

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7. **A.** 10, 11, 13, 14, 18, 23, 26, 28   **B.** $14 + 18 = 32$ $32 \div 2 = 16$
   The median is 16

8. **A.** 12, 18, 20, 23, 24, 26, 30   **B.** 23

9. **A.** 19, 25, 28, 30, 42, 48, 56, 60   **B.** $30 + 42 = 72$ $72 \div 2 = 36$
   The median is 36