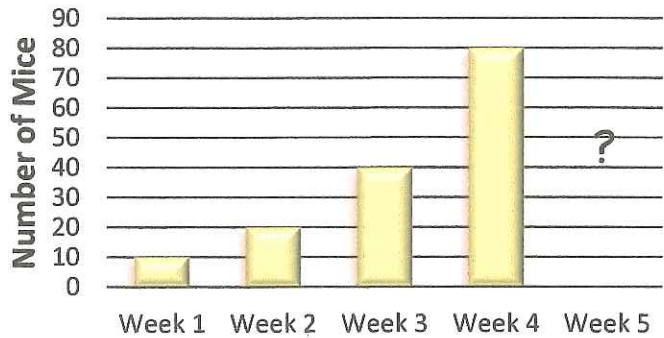


1

Number of Mice Born by Week



According to the graph, how many mice will be born in week 5 if the trend continues?

2

Jeb has decided to start an aquarium. At the pet store, Jeb learns that every aquarium should be comprised of a certain percentage of different things, such as water, rocks, plants, and filters. Which of these would be the best way to illustrate the information about what aquariums should contain?

- a. table
- b. circle graph
- c. line graph
- d. bar graph

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3

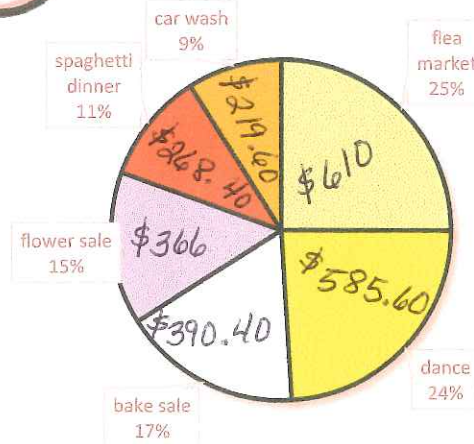
Bass Fishing Online Magazine Subscription 2008 - 2011

Age	2008	2009	2010	2011
20-35	8,700	6,320	6,895	7,119
35-50	7,233	7,000	8,778	9,654
50-65	4,002	3,822	6,200	6,620
65-80	1,041	890	1,118	1,297

In which year was there a decline in subscriptions in all four age groups?

4

Fund Raising



The 7th Grade band raised a total of \$2440 during their fund-raising events.

How much money was raised at the bake sale?

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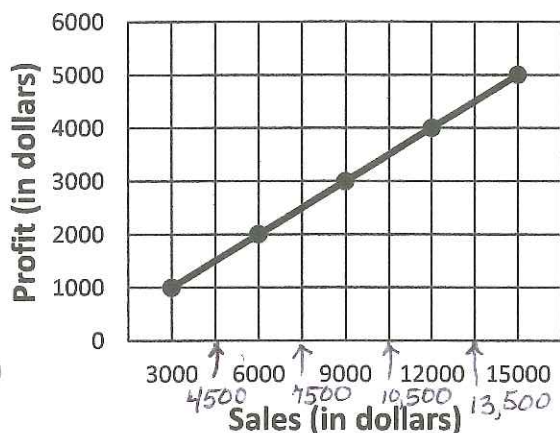
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5

Company Sales

A clothing company used this graph to relate sales to profit.

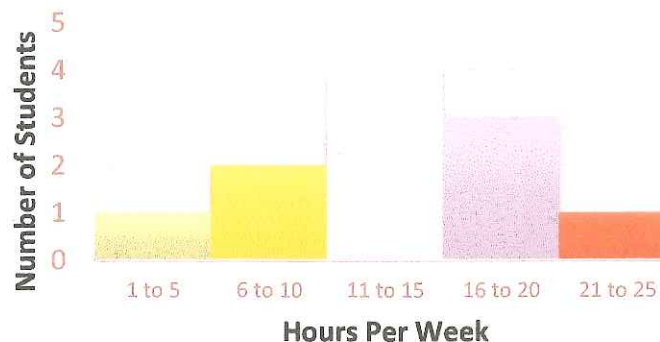
What amount of sales, in dollars, generated \$3500 in profits?



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6

Number of Hours Spent Playing Video Games



How many more students play video games 16-20 hours per week than 1-5?

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7

Sales of Tablets



The manager of a store used this graph to show a large increase in tablet sales recently.

Why is the graph misleading?

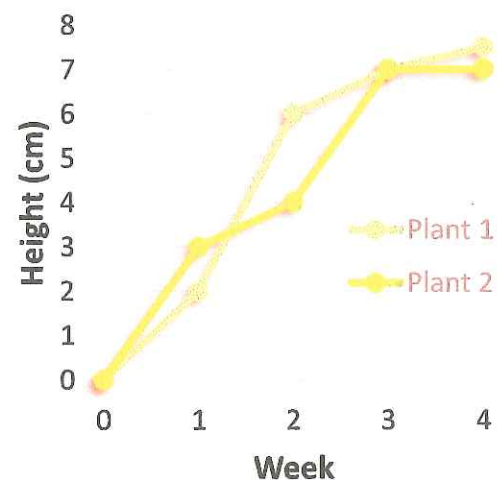
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8

Plant Growth

This line graph shows the height of two plants that Samantha grew for four weeks.

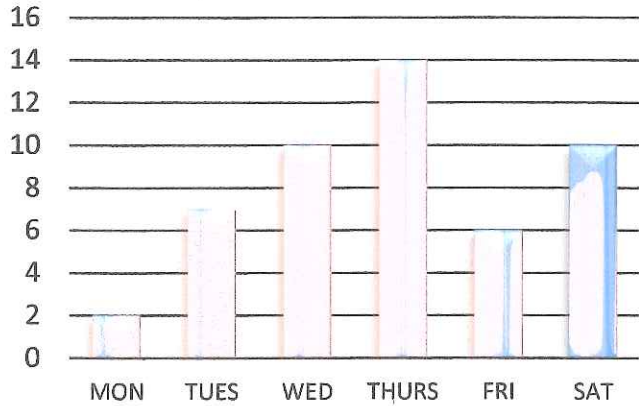
During which week were the plants the same height?



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9

Spelling Words Practiced



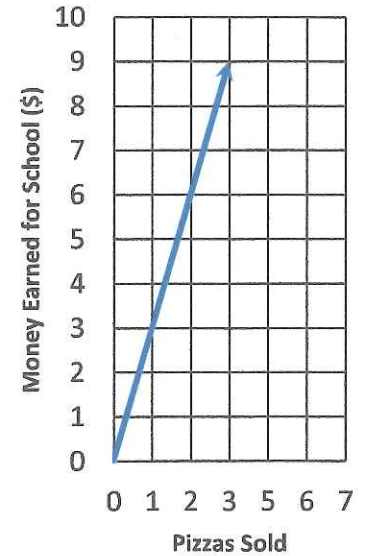
On what days did Nyla practice 5 times as many words as she did on Monday?

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10

What pattern does the graph show?

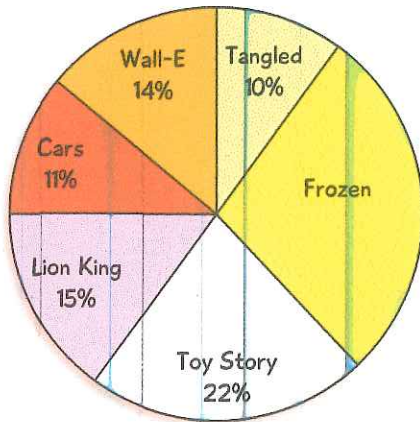
- A For every pizza sold, the school earns \$1.00.
- B For every pizza sold, the school earns \$2.00.
- C For every pizza sold, the school earns \$3.00.
- D For every pizza sold, the school earns \$4.00.



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11

FAVORITE DISNEY MOVIE

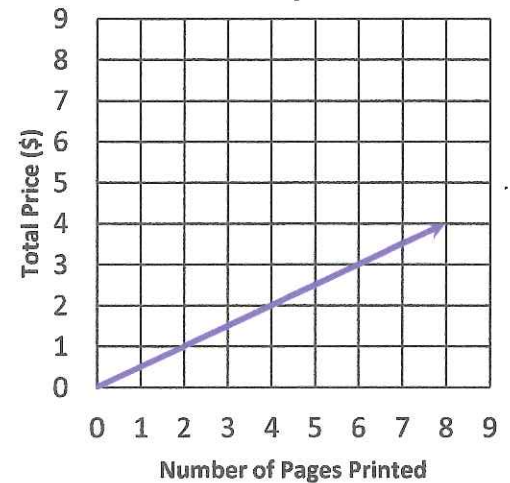


What percentage of students picked either Frozen or Wall-E as their favorite Disney movie?

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12

Print Shop Prices

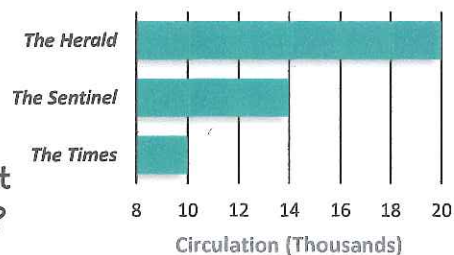


Based on the graph, what is the unit price at the print shop?
(what is the cost for one page?)

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13

Three local newspapers distributions are shown in the graph Which statement about the papers is TRUE?



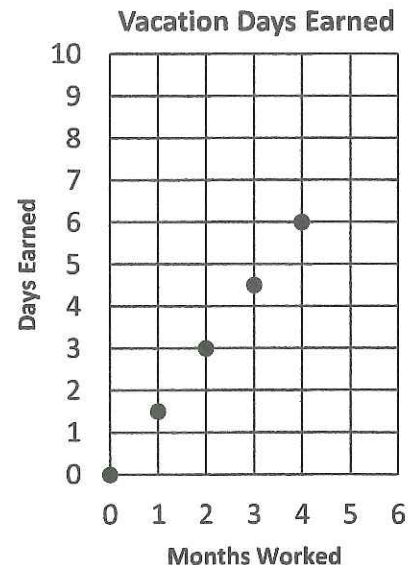
- A The circulation of *The Sentinel* is twice that of *The Times*.
- B The circulation of *The Herald* is twice that of *The Sentinel*.
- C The circulation of *The Herald* is twice that of *The Times*.
- D *The Sentinel* has the largest circulation of the three papers.

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14

The graph shows the number of vacation days earned per month of work.

How many vacation days will Cole earn for 6 months of work?



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15

Group of People	Total	Milk	Water	Soda	Juice
Teachers	25	10	10	4	1
Parents	28	14	9	5	0
H.S. Students	15	3	4	6	2
M.S. Students	35	20	3	10	2

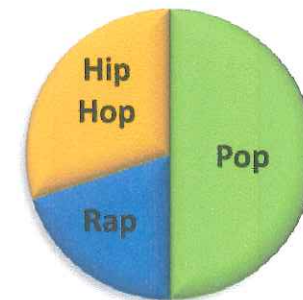
Which group prefers to drink soda with their food?

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16

Which set of results, in number of students, could the circle graph represent?

FAVORITE MUSIC

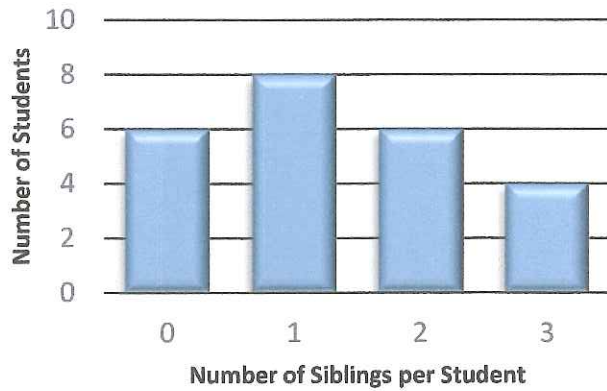


- A. Hip Hop: 120, Rap: 30, Pop: 150
- B. Hip Hop: 60, Rap: 50, Pop: 90
- C. Hip Hop: 72, Rap: 48, Pop: 120
- D. Hip Hop: 32, Rap: 48, Pop: 80

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17

Mrs. Brown's English Class

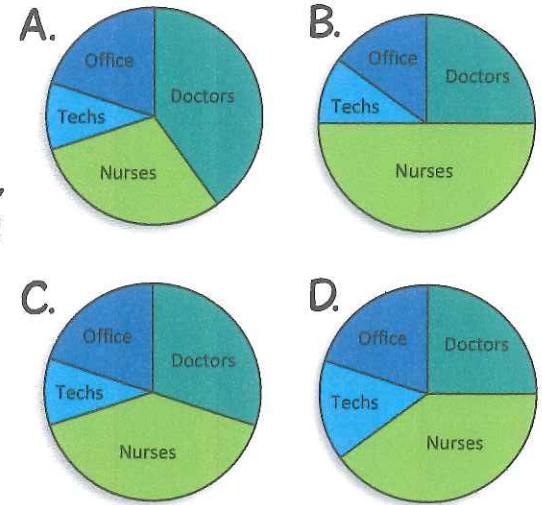


How many students have more than 1 sibling?

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18

A health clinic has a staff of 6 doctors, 8 nurses, 2 technicians, and 4 office support workers. Which circle graph represents these figures?



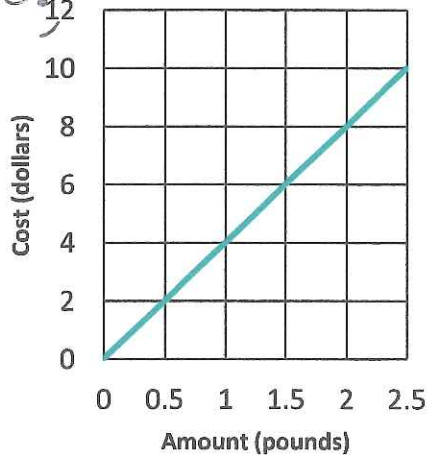
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19

(How much does it cost for 1 lb. of fudge?)
Fudge Cost

What is the unit rate for the cost of a fudge at the candy store?

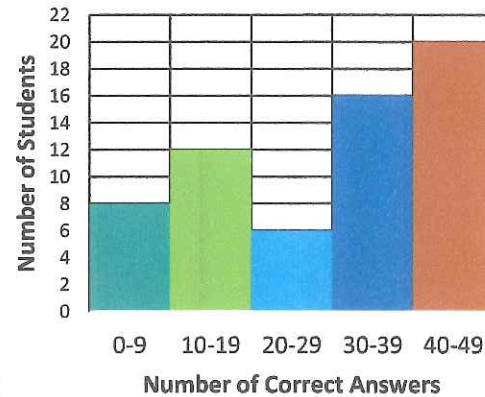
- A. \$0.50 per pound
- B. \$1.00 per pound
- C. \$2.00 per pound
- D. \$4.00 per pound



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20

Marathon Math

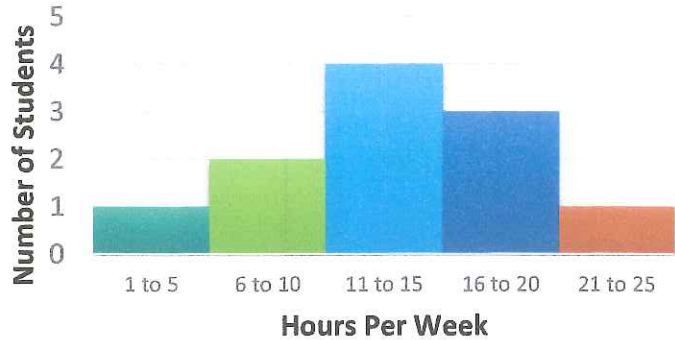


Amanda solved 15 questions correctly. How many other students correctly solved a number of problems that fell within the same interval?

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21

Number of Hours Spent Playing Video Games

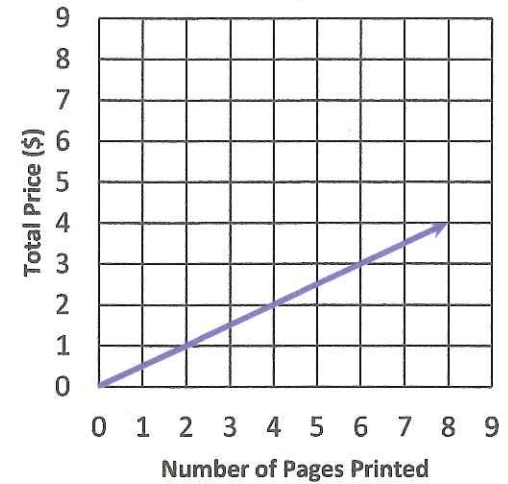


How many students participated in this survey?

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Print Shop Prices



How much would it cost to get 11 pages printed at the print shop?

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23

The table shows the type and color of flowers Leah planted in her garden.

What type of flower did Leah plant the most?

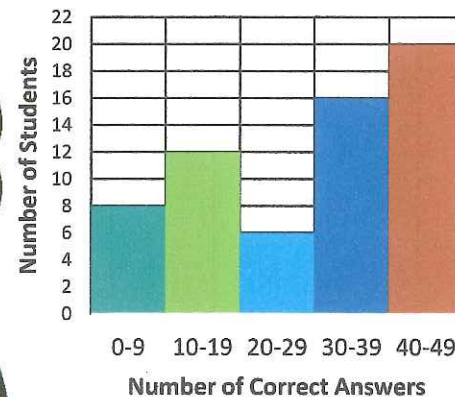
Leah's Flower Garden

	Pink	Purple	White
Daffodil	16	0	30
Iris	21	26	43
Lily	14	0	12
Petunia	24	30	9
Rose	7	0	5

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24

Marathon Math



Which question cannot be answered by looking at the histogram?

- A. How many students solved 29 or more problems correctly?
- B. How many students solved 30-39 problems correctly?
- C. How many students solved 20-49 problems correctly?

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