

Name _____ Date _____

(4A)

The chart shows the distance between New York City and four other cities.

City	Distance from New York City
Atlanta	841 miles
Detroit	637 miles
St. Louis	948 miles
Chicago	802 miles

1. Which list shows the number of miles in order from **greatest to least**?

- Atlanta, St. Louis, Chicago, Detroit
 Detroit, Chicago, Atlanta, St. Louis
 St. Louis, Atlanta, Chicago, Detroit
 St. Louis, Atlanta, Chicago, Detroit

(4A)

2. Which city is **closest** to New York City in the chart above?

- Atlanta
 Detroit
 St. Louis
 Chicago

(7A)

3. Solve this problem.

$$94 - 56 =$$

- 38
 42
 48
 51

(7A)

4. Solve this problem.

$$87 + 46 =$$

- 123
 133
 150
 160

(5C)

5. Write a story problem that can be solved using the number sentence

$$25 + 50 = \square.$$

<p style="text-align: right;">(11A)</p> <p>6. At the music store, a saxophone cost \$719 and a clarinet cost \$899. What is a reasonable estimate for the cost of the two instruments?</p> <p><input type="radio"/> \$1500</p> <p><input type="radio"/> \$1600</p> <p><input type="radio"/> \$1700</p> <p><input type="radio"/> \$1800</p>	<p style="text-align: right;">(11A)</p> <p>9. Tito bought 10 pads of paper. They cost in the range of \$4 to \$9 each. About how much money could the pads of paper cost altogether?</p> <p><input type="radio"/> \$15</p> <p><input type="radio"/> \$25</p> <p><input type="radio"/> \$35</p> <p><input type="radio"/> \$45</p>
<p style="text-align: right;">(11A)</p> <p>7. Mrs. Caron has 125 red rose bushes and 390 yellow rose bushes. About how many rose bushes does she have altogether?</p> <p><input type="radio"/> less than 400</p> <p><input type="radio"/> between 400 and 500</p> <p><input type="radio"/> between 500 and 600</p> <p><input type="radio"/> more than 600</p>	<p style="text-align: right;">(11A)</p> <p>10. Mrs. Tate baked 215 chocolate cupcakes and 198 yellow cupcakes. About how many cupcakes did she bake?</p> <p><input type="radio"/> a little less than 300</p> <p><input type="radio"/> a little more than 300</p> <p><input type="radio"/> a little less than 400</p> <p><input type="radio"/> a little more than 400</p>
<p style="text-align: right;">(11A)</p> <p>8. Mrs. Mastery bought a math book for \$7.25. She paid for it with a \$10 bill. What is a reasonable estimate for her change?</p> <p><input type="radio"/> \$1</p> <p><input type="radio"/> \$2</p> <p><input type="radio"/> \$3</p> <p><input type="radio"/> \$4</p>	<p style="text-align: right;">(16C)</p> <p>11. What is the best unit to use to measure how far you could ride your bike in two hours?</p> <p><input type="radio"/> centimeter</p> <p><input type="radio"/> kilometer</p> <p><input type="radio"/> meter</p> <p><input type="radio"/> foot</p>

(16C)

12. Which object would be about 8 inches long?

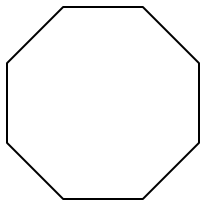
- a human foot
- a football field
- an automobile
- an airplane

(17B)

15. In the space provided, draw a polygon with 5 sides. Write the name of the shape.

Name of Shape: _____

(17A)

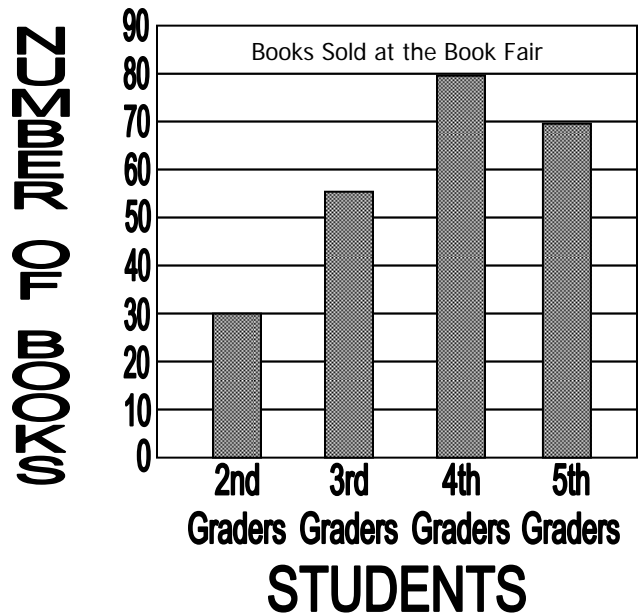


13. How many angles does this shape have?

- 4
- 6
- 8
- 10

(19A)

The graph shows how many books students bought at the book fair. Use the graph to answer the question.



(17A)

14. What is the name of the shape?

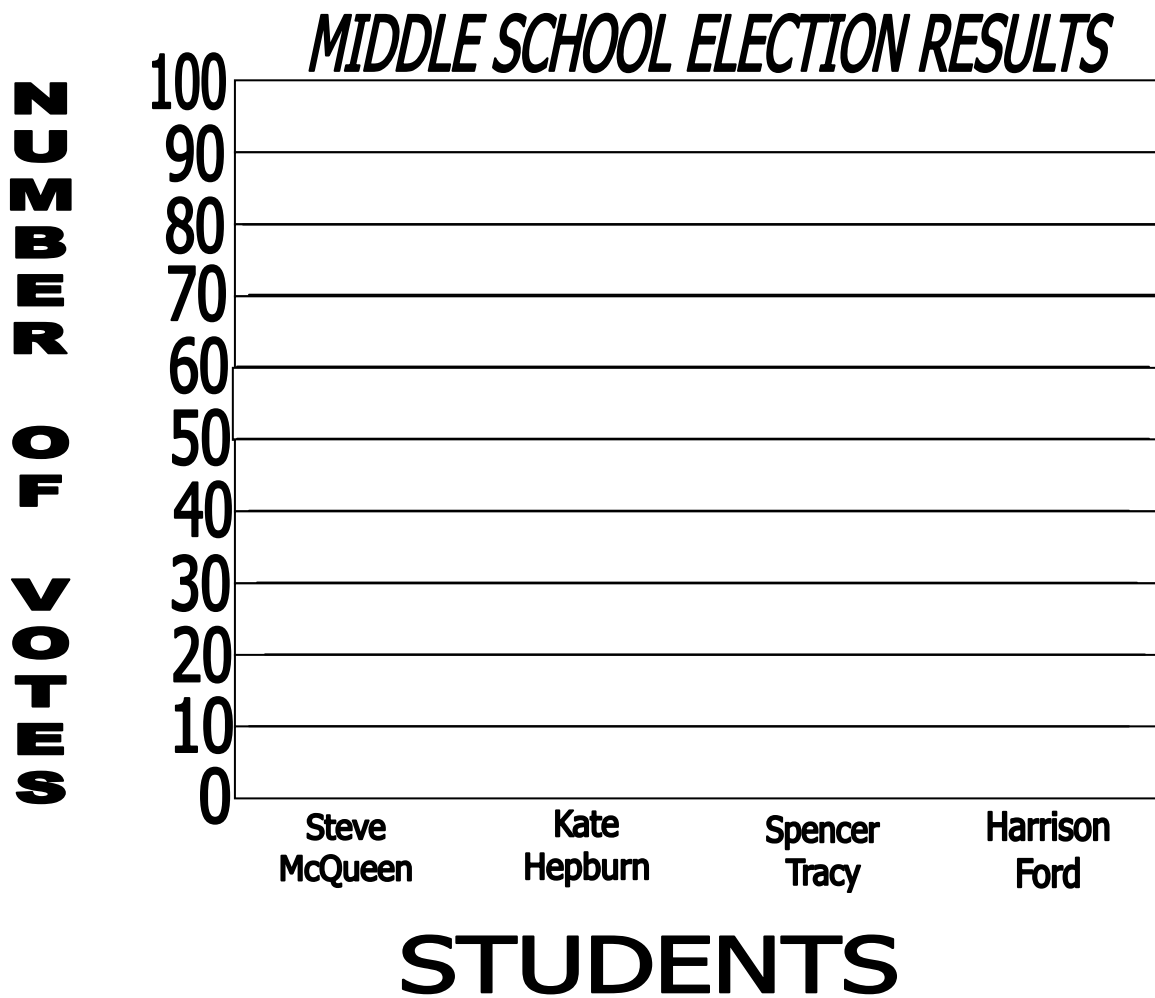
- parallelogram
- square
- pentagon
- hexagon

16. How many books did the 3rd and 5th graders buy in all?

- 100
- 125
- 135
- 150

17. Complete and label the **bar** graph using the following data. Do **not** shade the bars.

<i>MIDDLE SCHOOL ELECTION RESULTS</i>	
STUDENTS	NUMBER OF VOTES
Steve McQueen	80
Kate Hepburn	50
Spencer Tracy	100
Harrison Ford	60



The table shows the results of a fourth grade survey in which students picked their favorite *BEN & JERRY'S* ice cream flavor.

FAVORITE <i>BEN & JERRY'S</i> ICE CREAM FLAVORS		
ICE CREAM FLAVOR	GIRLS	BOYS
Chunky Monkey	43	21
Cherry Garcia	46	30
Cookie Dough	19	16
Phish Food™	39	57

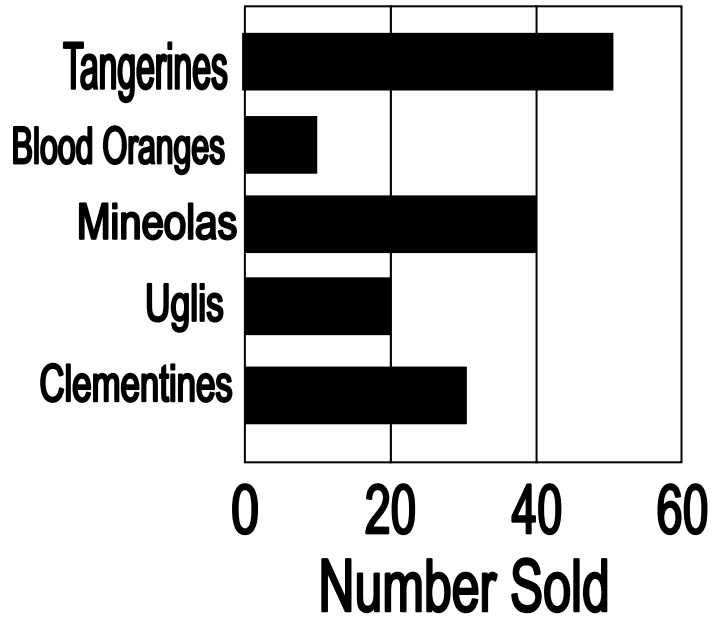
(20A)

18. Which flavor of ice cream is **about** twice as popular with the girls as with the boys?

- Chunky Monkey
- Cherry Garcia
- Cookie Dough
- Phish Food™

This graph shows some of the citrus fruit that Stop-and-Shop sold last month.

STOP & SHOP'S CITRUS FRUIT



19. Which statement is true about the graph?

- Mineolas were the most popular fruit sold last month.
- Fewer people bought Uglis than tangerines last month.
- Twice as many people bought tangerines as blood oranges
- Three times as many people bought Clementines as blood oranges.

(25A)

20. Jean is going to buy toys that will be given to the winners of a reading contest. The toys and their cost are shown below.

TOY	COST PER TOY
Barbie® Doll	\$35
Barbie® Plush Poodle	\$15
Spider-Man® Glider	\$20
Harry Potter™ Doll	\$30
Flik Flak Watch	\$25
Baseball	\$10

- ◆ She must buy no more than 2 of any toy.
- ◆ She does not have to buy all six toys.
- ◆ She must spend **about** \$125.

Make a list of which toys Jean could buy, how many of each toy and the total cost of all the toys.

- ◆ 4A: Order whole numbers (3-digit numbers)
- ◆ **5C: Write story problems – addition**
- ◆ **7A: Add and subtract, including money amounts (2-digit numbers)**
- ◆ **11A: Identify reasonable estimate to problem**
 - 4C: Round numbers
 - 10A: Identify best expression to find estimate
- ◆ 16C: Identify length units
- ◆ **17A: Identify 2-Dimensional geometric shapes**
- ◆ **17B: Draw, identify, and describe 2-D geometric shapes**
- ◆ 19A: Identify information in bar graphs
- ◆ **19B: Construct bar graphs**
- ◆ 20A: Draw reasonable conclusions from tables and charts
- ◆ **25A: Solve extended problems – numerical**

(4A)

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(5C)

5. Write a story problem that can be solved using the number sentence

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JOINING MODEL OF ADDITION:

Joyce had \$25. Her sister gave her \$50 for her birthday. How much money does Joyce now have?

COMBINED MODEL OF ADDITION:

Sylvia has 25 apples and 50 peaches in her refrigerator. How many pieces of fruit does she have in all?

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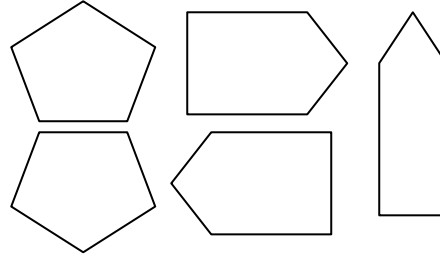
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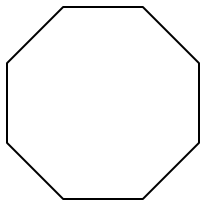
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Name of Shape: PENTAGON

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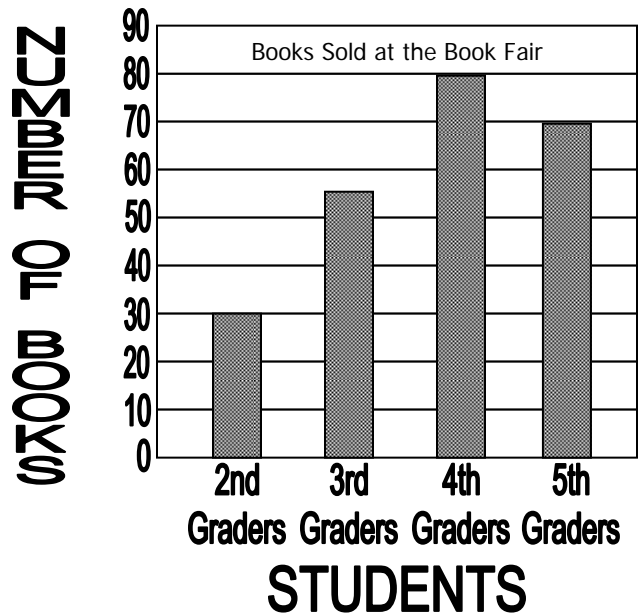


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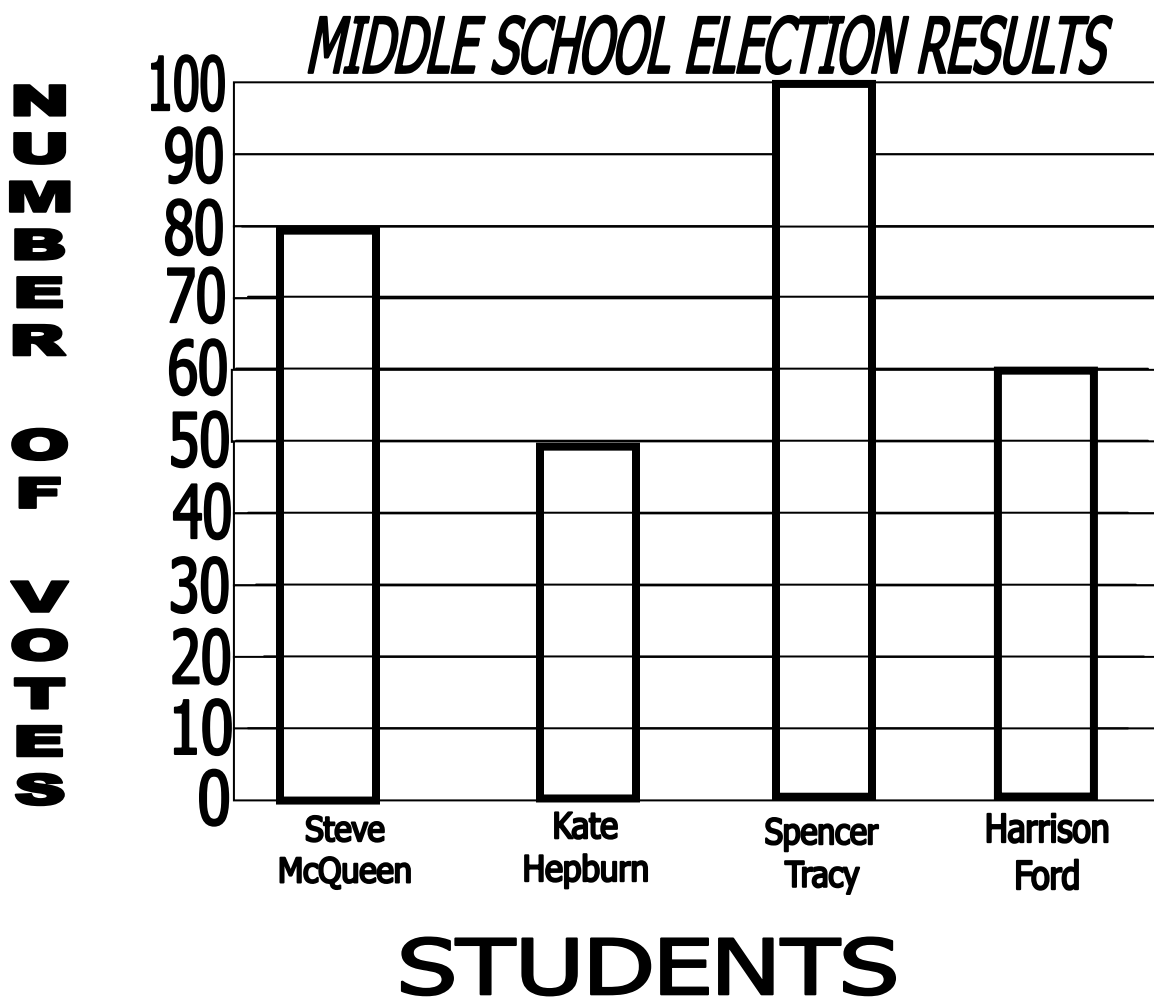
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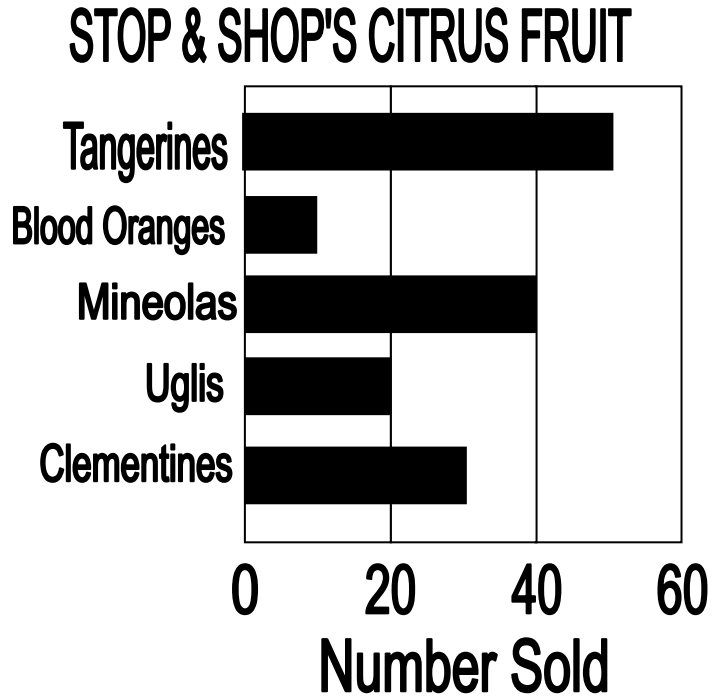
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Possible Solutions:

\$ 35	Barbie doll
\$ 25	watch
\$ 25	watch
\$ 20	glider
\$ 20	glider
<u>\$125 = total cost</u>	

\$ 30	Harry Potter
\$ 25	watch
\$ 25	watch
\$ 20	glider
\$ 20	glider
<u>\$120 = total cost</u>	

\$ 35	Barbie doll
\$ 30	Harry Potter
\$ 25	watch
\$ 20	glider
\$ 15	poodle
<u>\$125 = total cost</u>	

\$ 35	Barbie doll
\$ 35	Barbie doll
\$ 25	watch
\$ 20	glider
\$ 10	baseball
<u>\$125 = total cost</u>	

\$ 35	Barbie doll
\$ 30	Harry Potter
\$ 25	watch
\$ 20	glider
\$ 15	poodle
<u>\$125 = total cost</u>	

\$ 35	Barbie doll
\$ 25	watch
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