New York State Testing Program

Mathematics
Book 2

Grade 5

Sample Test 2005

Name_____

Book 2

Tips for taking the sample test

Here are some suggestions to help you do your best:

- Be sure to read carefully all the directions in the test book.
- You may use your tools to help you solve any problem on the test.
- Read each question carefully and think about the answer before writing your response.
- Be sure to show your work when asked. You may receive partial credit if you have shown your work.

This picture means that you will use your ruler.

This picture means that you will use your protractor.

27 Sherise jogs three days each week. The table below shows how far she jogs each day.

SHERISE'S JOGGING LOG

Day	Distance (in miles)
1	$5\frac{3}{10}$
2	$4\frac{1}{10}$
3	$6\frac{3}{10}$

Part A

What is the total distance, in miles, that Sherise jogs each week?

Show your work.

Answer _____ miles

Part B

Each week, Reggie jogs $3\frac{4}{10}$ fewer miles than Sherise. What is the total distance, in miles, that Reggie jogs each week?

Show your work.

Answer _____ miles

Go On

28 Juanita sold school concert tickets from 1:00 P.M. to 5:00 P.M. The table below shows the total number of tickets she had sold at the beginning of each hour.

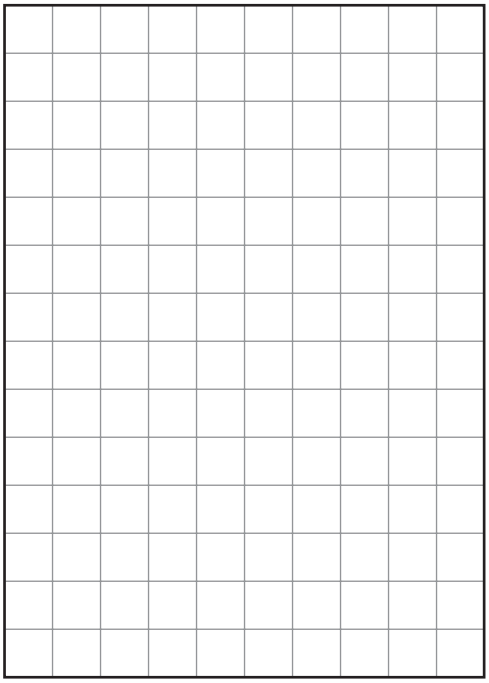
SALES CHART

Time	Tickets Sold
1:00	0
2:00	27
3:00	34
4:00	45
5:00	60

Use the data from the table to make a line graph showing the total ticket sales for each hour.

Be sure to

- title the graph
- label both axes
- graph all the data
- provide a scale for the graph

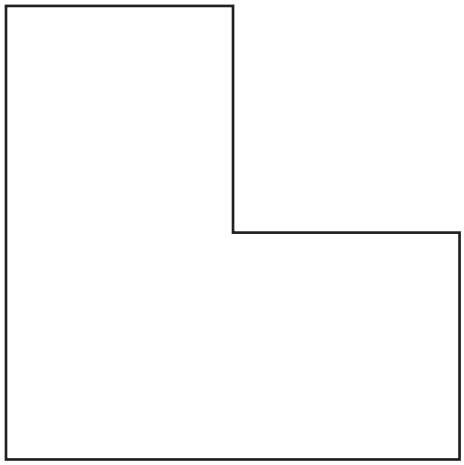


Between which two hours were the most tickets sold?

Answer _____

29 Use your ruler to help you solve this problem.

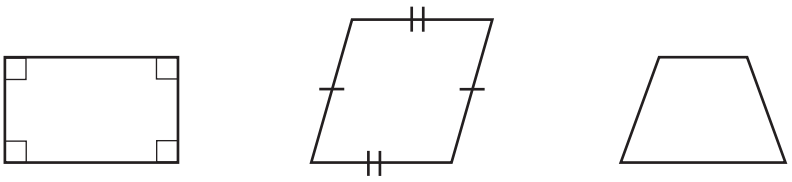
Measure the sides of the shape below to the nearest centimeter. Label the length of each side.



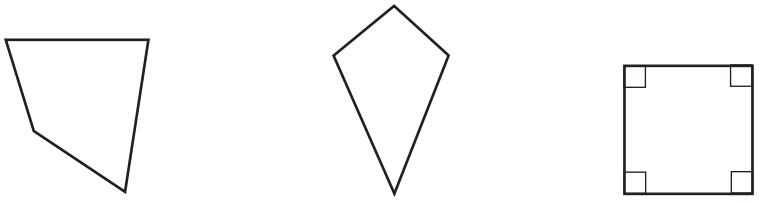
What is the perimeter of the shape?

Answer _____ centimeters

30 Some of the quadrilaterals below have parallel sides.



A B C



D E F

Part A

Which quadrilaterals have 2 pairs of parallel sides?

Answer _____

Part B

What is the name for the set of quadrilaterals with 2 pairs of parallel sides?

Answer _____

Part C

What is the name for the set of quadrilaterals with 2 pairs of right angles?

Answer _____

Go On

31 Use your protractor to help you solve this problem.

In the space below, draw an angle that measures 50°.

What type of angle did you draw?

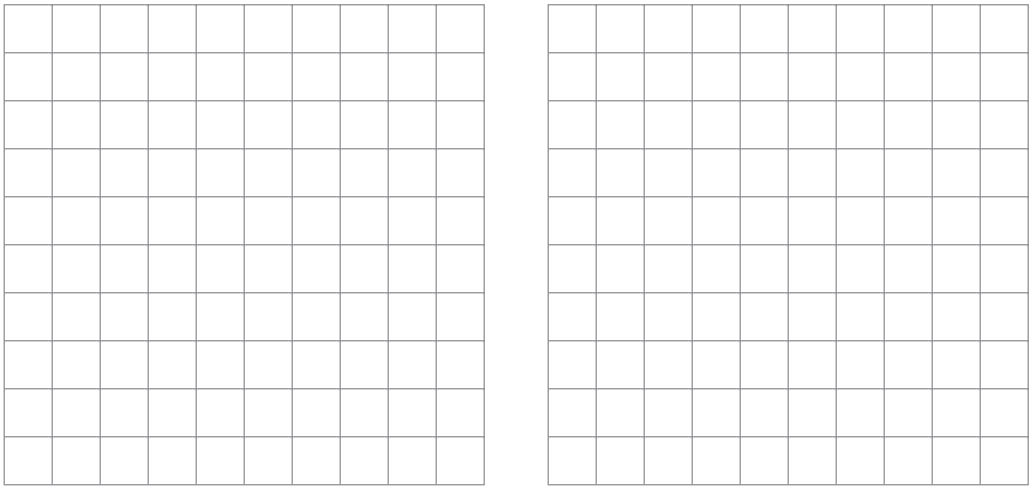
Answer _____

32

Part A

On the grids below, shade the correct number of squares to represent the decimal 1.47.

Each grid = 1 whole



Part B

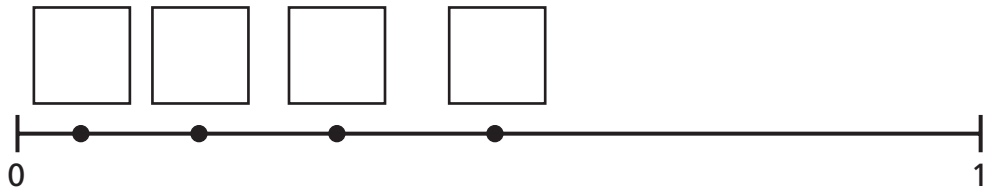
On the line below, write the following decimals in order from **least** to **greatest**.

1.74 1.47 1.7

Answer _____

Go On

33 The points on the number line below show the positions of four fractions.



Fill in each box on the number line with the correct fraction below.

$\frac{1}{2}$ $\frac{1}{10}$ $\frac{1}{5}$ $\frac{1}{3}$

On the lines below, explain how you decided where to place the fractions.

34 Last Saturday, three students picked apples at an orchard. The table below shows the total number of baskets of apples each student picked.

BASKETS OF APPLES

Student	Number of Baskets
Marie	4.25
Sarah	3.75
Lance	5.5

Part A

About how many total baskets of apples did the students pick?

Estimate _____ baskets

On the lines below, explain how you estimated the total number of baskets.

_____

_____

_____

_____

_____

Part B

Each of Lance's baskets contained 19 apples. About how many total apples did Lance pick?

Estimate _____ apples

STOP

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