

PSSA and Keystone Exams
Summer 2023 Workshops

PSSA, Grade 4 Math

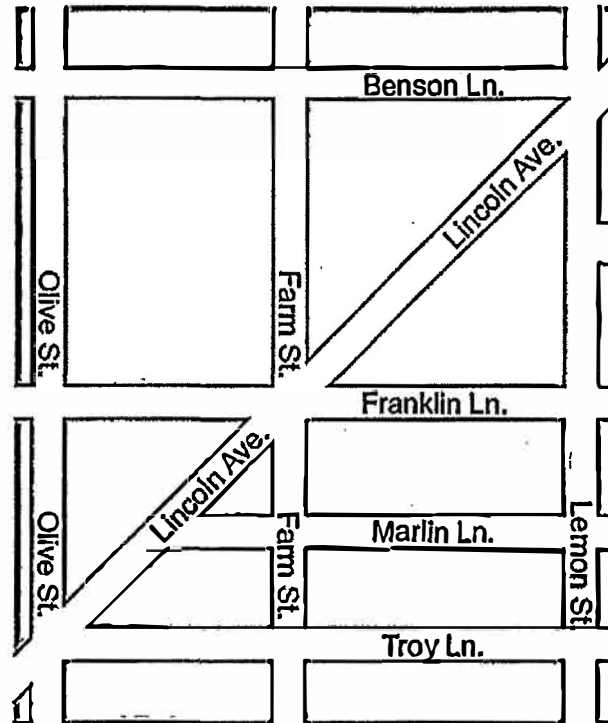
Map Shown Below

Handscoring
Training Set 1

MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Farm St. Marlin Ln. Troy Ln.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Marlin Ln. Franklin Ln. Benson Ln.



MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Wilson Ave.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

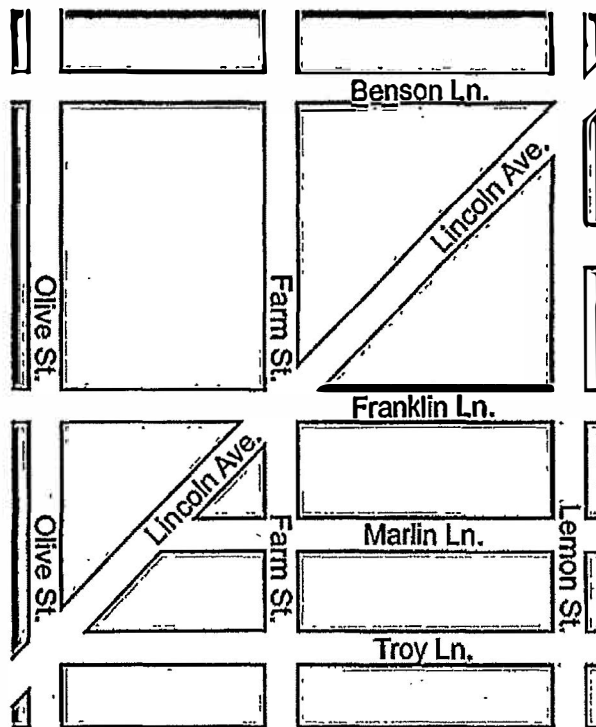
The roads make the map
unsymmetrical.



MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

1. Lincoln Ave, Franklin Ln.
2. Olive St, Lincoln Ave.
3. Benson Ln, Farm St

There are roads that run parallel to Troy Ln, shown on the map.

B. List all the roads that run parallel to Troy Ln,

- Farm St.
Marlin Ln.
Lemon St

MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Lincoln Ave

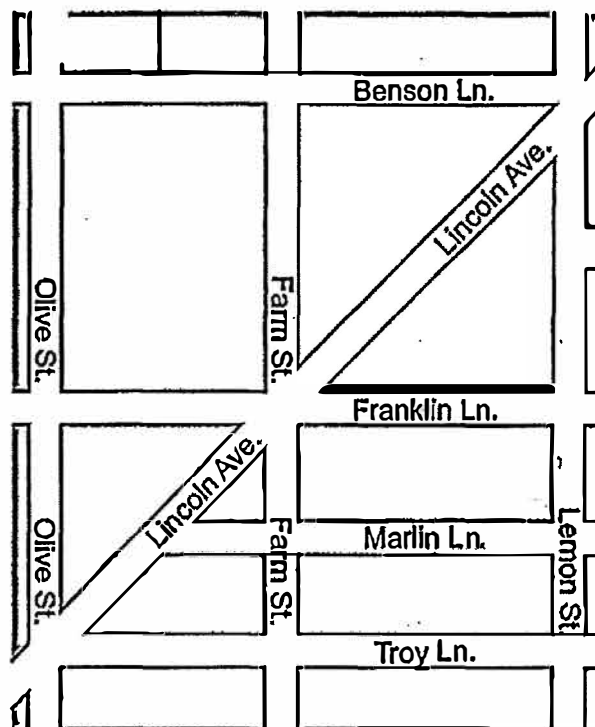
D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

A rectangle is not apart of a line of symmetry.

MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

- A. List three roads that form a right triangle.

Olive St., Lincoln Ave., Franklin Ln.

There are roads that run parallel to Troy Ln. shown on the map.

- B. List all the roads that run parallel to Troy Ln.

Troy Ln. || Marlin Ln.
Troy Ln. || Franklin Ln.
Troy Ln. || Benson Ln.

F

MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

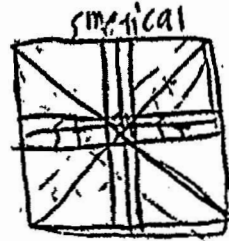
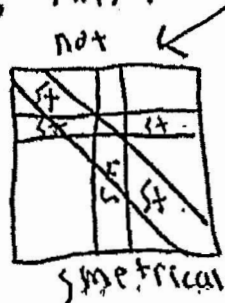
Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Jack is correct for the most part, He must have forgot about Lincoln Ave. That would be intersecting.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

The map has streets that cannot line up such as this illustration below.

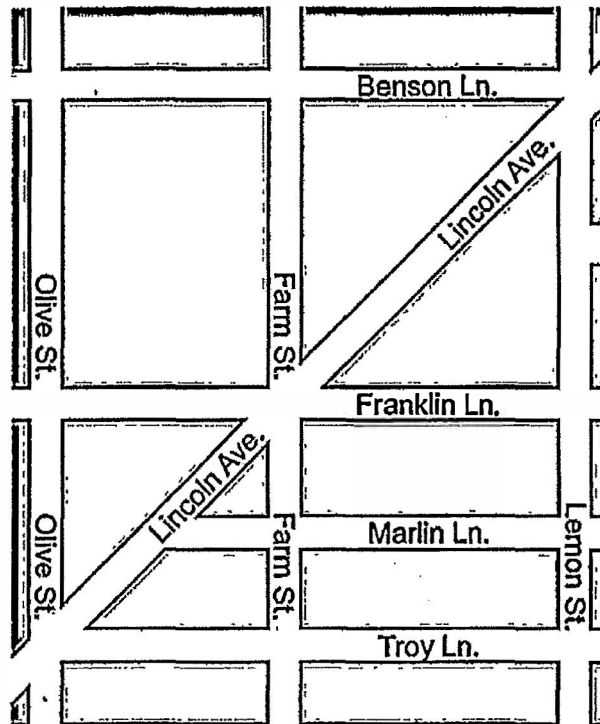




MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Lincoln Ave, Farm st, and
Benson Ln.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Marlin Ln, Franklin Ln, and Benson Ln.

F

MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Lincoln Ave.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

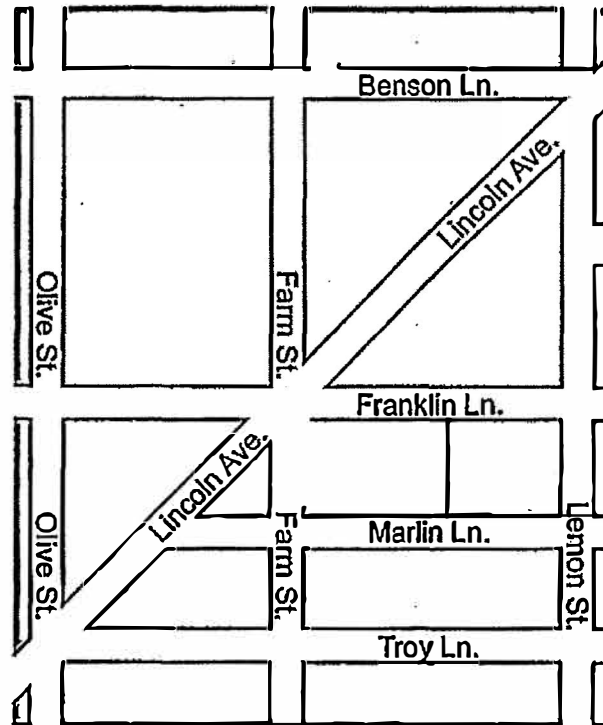
It does not have a line of symmetry because one side is bigger than the other side



MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Lincoln Ave. and Farm St.

Lincoln Ave. and Farm St.

Lincoln Ave.
and Franklin
Ln.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Marlin Ln. Lemon St. Farm St.

F

MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Franklin Ln.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

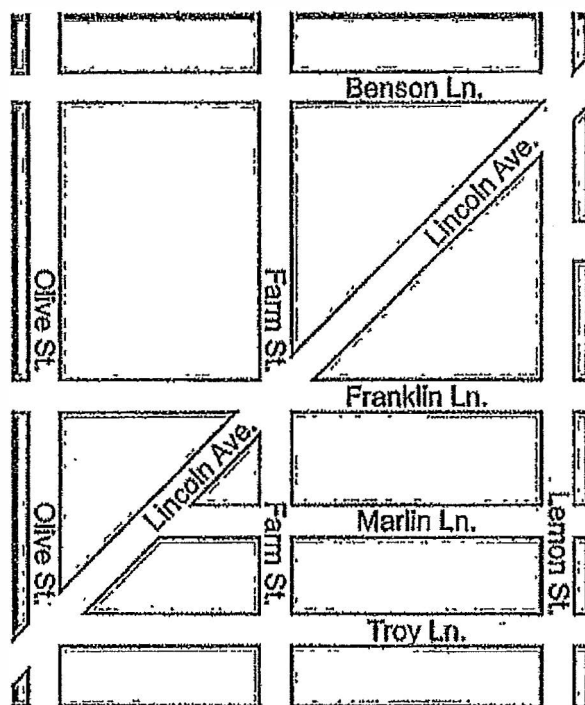
There are different kind of shapes in the rectangle or the map.



MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Lincoln Ave.
Franklin Ln.
Lemon St.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Benson Ln.
Franklin Ln.

F

MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Lincoln Ave.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

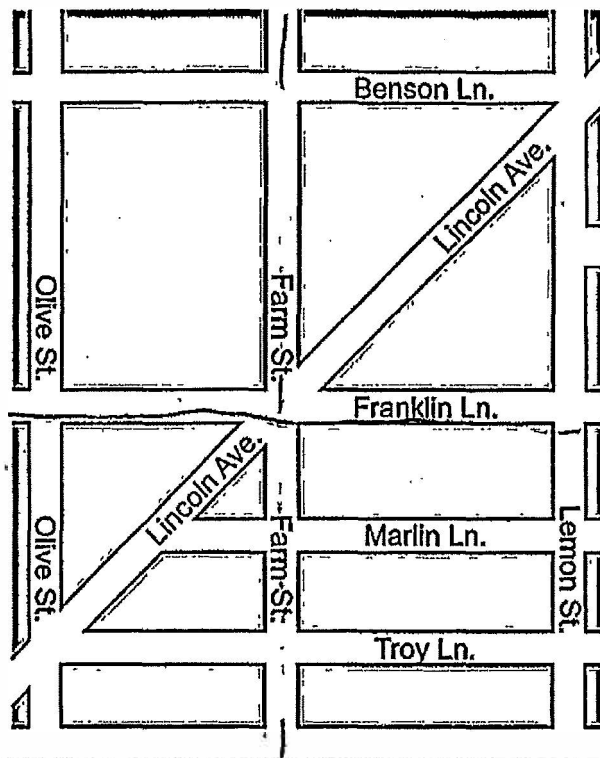
Because then we would not be able to have Lincoln Ave.



MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Lincoln Ave., Farm St. and
Benson Ln.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Marlin Ln., Franklin Ln. and
Benson Ln.



MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

- C. Which road proves that Jack's claim is not correct?

Lincoln Ave.

- D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

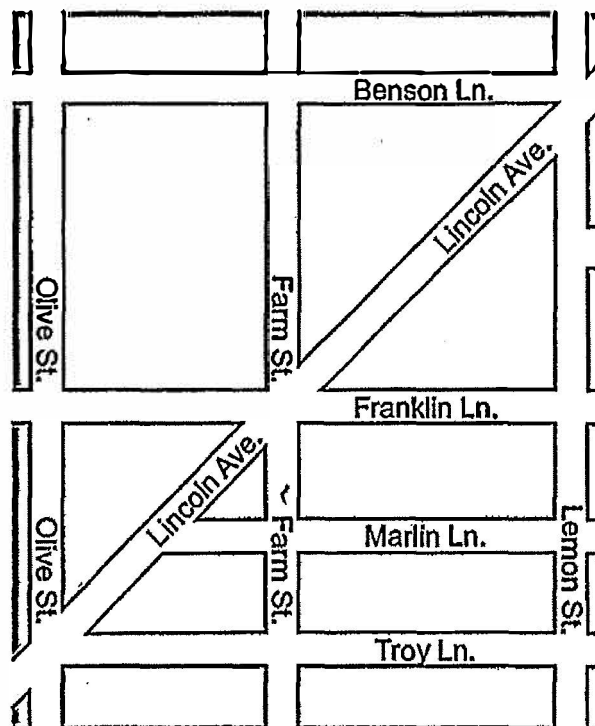
Because the lines on one side don't match the others



MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Farm St., Lincoln Ave., and Benson Ln.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Farm St., Lemon St., Marlin Ln.

F

MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Troy Ln.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

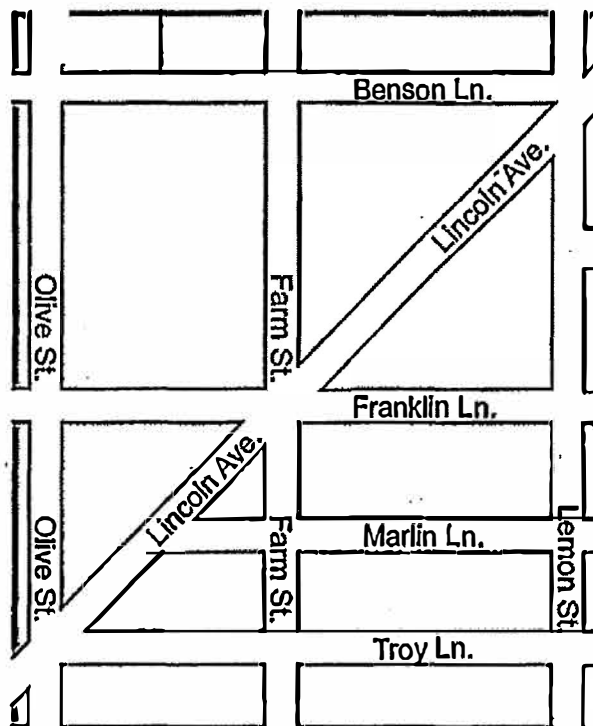
It doesn't have a line of symmetry because it is a rectangle and all the streets are not forming any symmetry.



MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Farm St. Lincoln Ave
olive St.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Lemon St. Farm St.
olive St.



MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Lincoln Ave.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

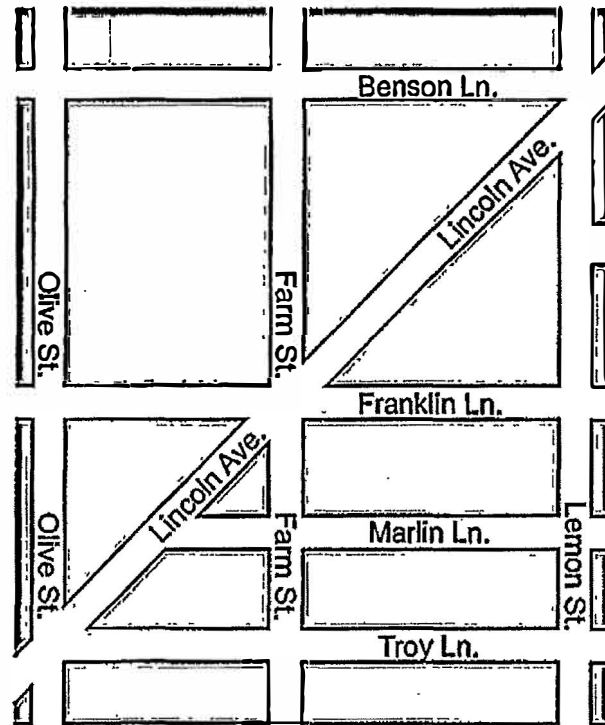
Because the roads
are going in all different
directions.



MATHEMATICS

SECTION 2

51. A map is shown below.



There are right triangles shown on the map.

A. List three roads that form a right triangle.

Farm St. and Franklin Ln.
Lemon St. and Troy Ln.
Farm St. and Marlin Ln.

There are roads that run parallel to Troy Ln. shown on the map.

B. List all the roads that run parallel to Troy Ln.

Benson Ln.
Franklin Ln.
Marlin Ln.



MATHEMATICS

SECTION 2

51. *Continued.* Please refer to the previous page for task explanation.

Jack claims that Farm St. is perpendicular to every road it intersects on the map.

C. Which road proves that Jack's claim is not correct?

Lincoln Ave.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

The map does not have a line of symmetry because the roads are not the same on both sides.

PSSA Math: Map Shown Below (Grade 4), Training Set One

Subject: Math

Item: Map Shown Below

Grade: 4

Name _____

Number	Score	Notes
T1-1		
T1-2		
T1-3		
T1-4		
T1-5		
T1-6		
T1-7		
T1-8		
T1-9		
T1-10		