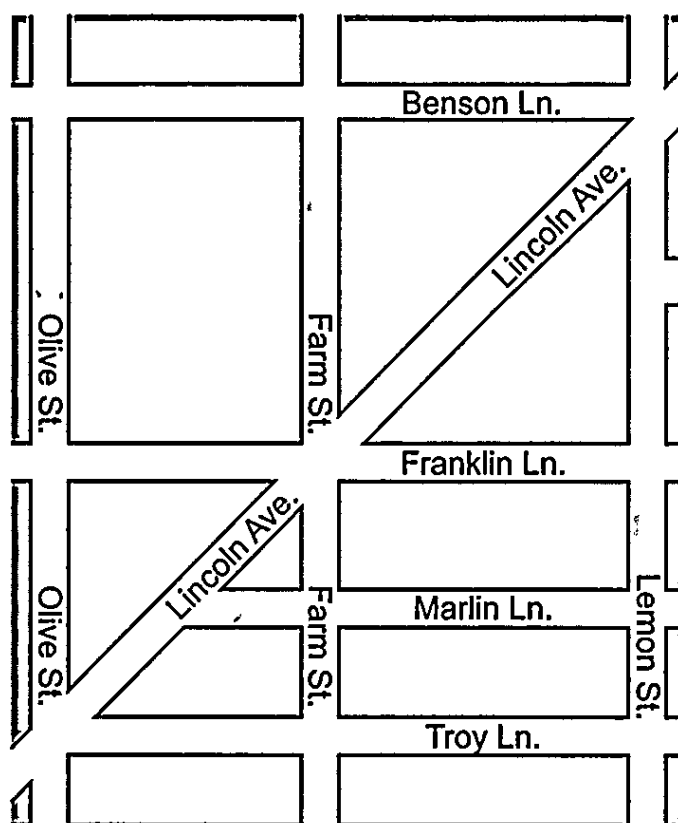# PSSA, Grade 4 Math

Map Shown Below

Handscoring

Practice Set 1[*]

*Responses in this set do not have true scores. Apply scores based on scoring criteria.

MATHEMATICS   SECTION 2

51. A map is shown below.

Benson Ln.

Lincoln Ave.

Olive St.

Farm St.

Franklin Ln.

Lincoln Ave.

Olive St.

Farm St.

Marlin Ln.

Lemon St.

Troy Ln.

There are right triangles shown on the map.

A. List three roads that form a right triangle.

Lincoln Ave.   Farm St.   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.

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?

The road that proves that Jack's claim is incorrect is Lincoln Ave.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.
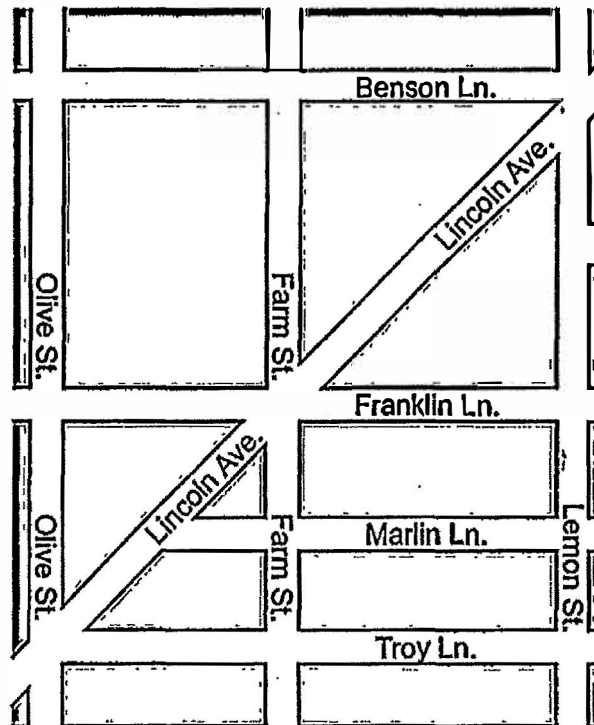
The map does not have a line of symmetry because the streets on the map is not folding the map evenly.

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.
2. Franklin Ave.
3. 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.
1. Olive st.

2. Farm st.

3. 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?

Olive st.
So his is not correct.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.
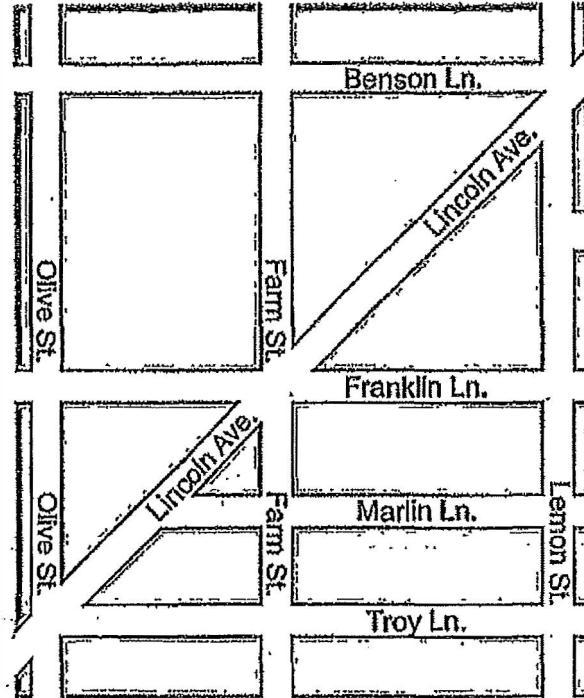
because it has
to
be sordain
streets.

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.

BehSohSLn. FarmSt. Lincolnae

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

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

Morlin Ln. Franklin Ln. Bensonln

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.

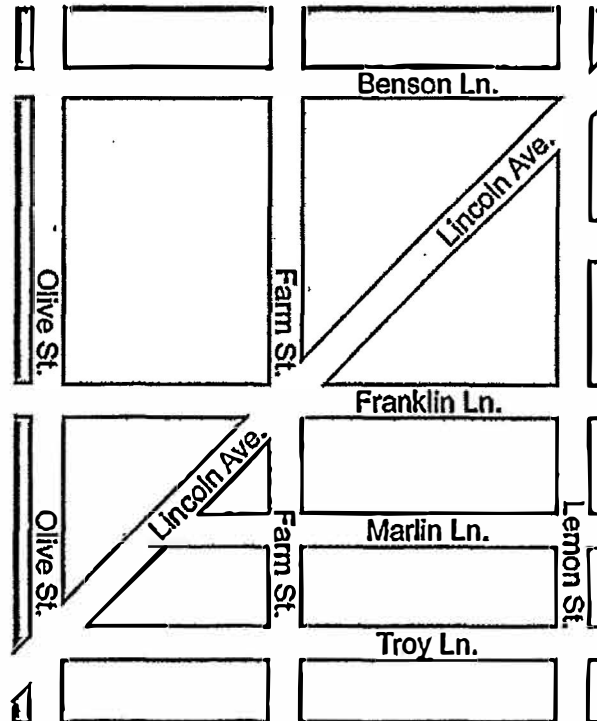**D.** Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.
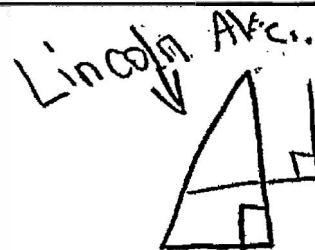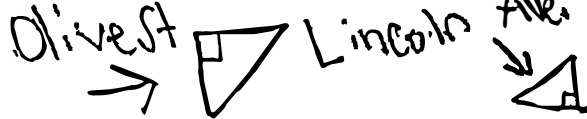
The lines that are inside it.

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.*

Lincoln Ave.

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

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

Olive St

Farm St   *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?

Benson Ln.

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.
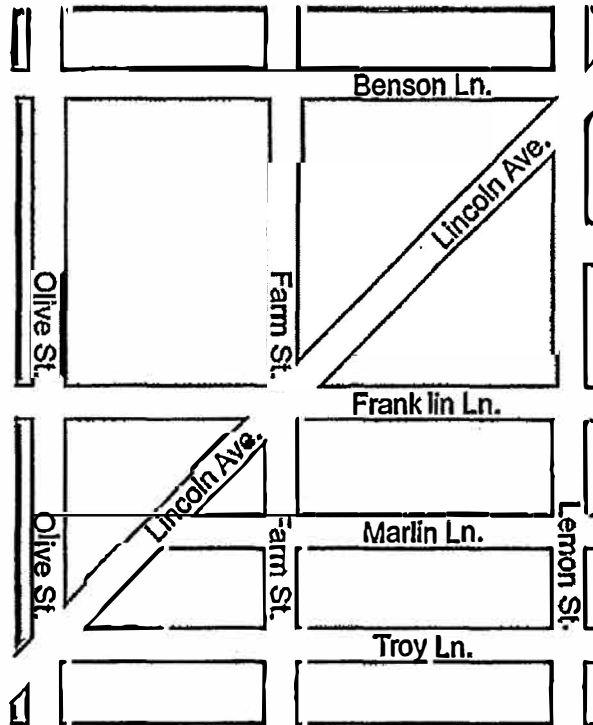
Because there are to many line it will be hard to do it with lots of lines

⊢   **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. frankinLn

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

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

Lemonst.fram 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.
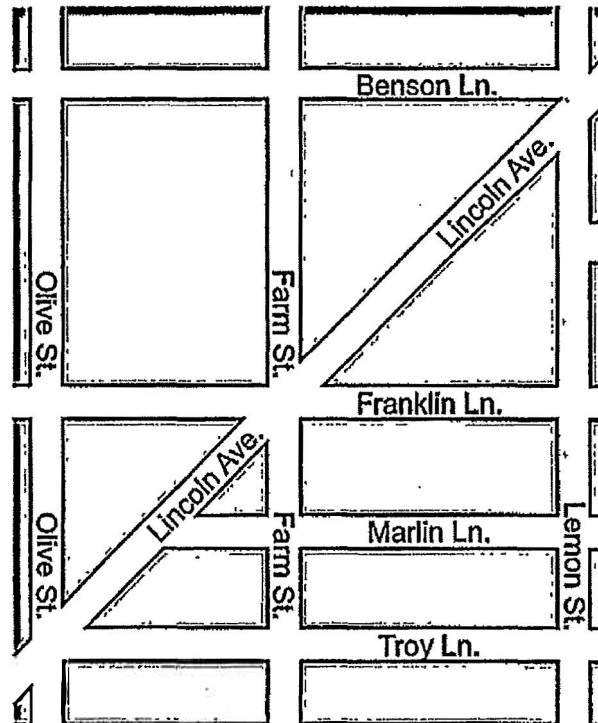
Because Lincoln Ave. is going across the mirdden of it   But it is not tuching the conerners.

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.

Lincon Ave.   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.

marlin Ln. franklinln.
Behson 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.

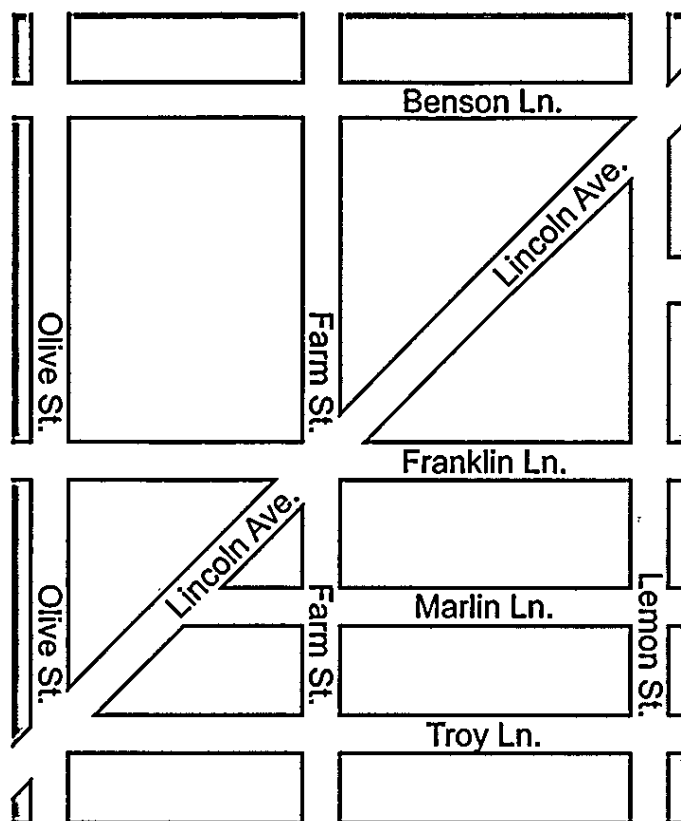**C.** Which road proves that Jack's claim is not correct?

Lihcon ave.

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

its becau se its not arectangle its two triangles.

MATHEMATICS   SECTION 2

51. A map is shown below.

Benson Ln.

Lincoln Ave.

Olive St.

Farm St.

Franklin Ln.

Lincoln Ave.

Olive St.

Farm St.

Marlin Ln.

Lemon St.

Troy Ln.

There are right triangles shown on the map.

A. List three roads that form a right triangle.

Lincoln Ave.
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.

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. proves that Jack
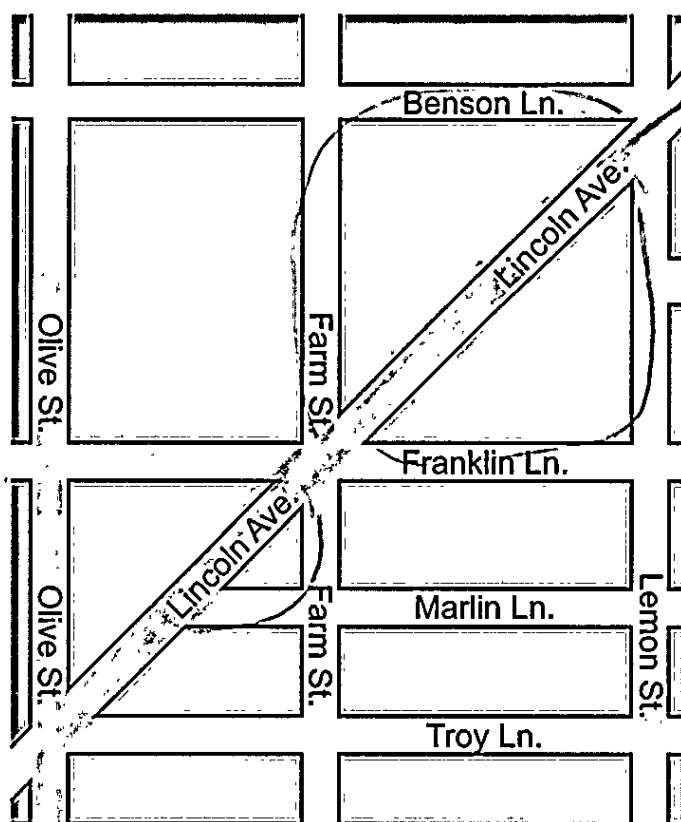is wrong because it makes a
acute angle not a right angle.

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 symmetry line
even thou it is a rectangle both
sides are not the same. Franklin Ln., Martin Ln.,
and Troy are only on one side of
the map not the other.

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.
2. Benson Ln.
3. Lincoln Ave.

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

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

Olive St./Farm St./Troy.St./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?

Farm Street

D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.
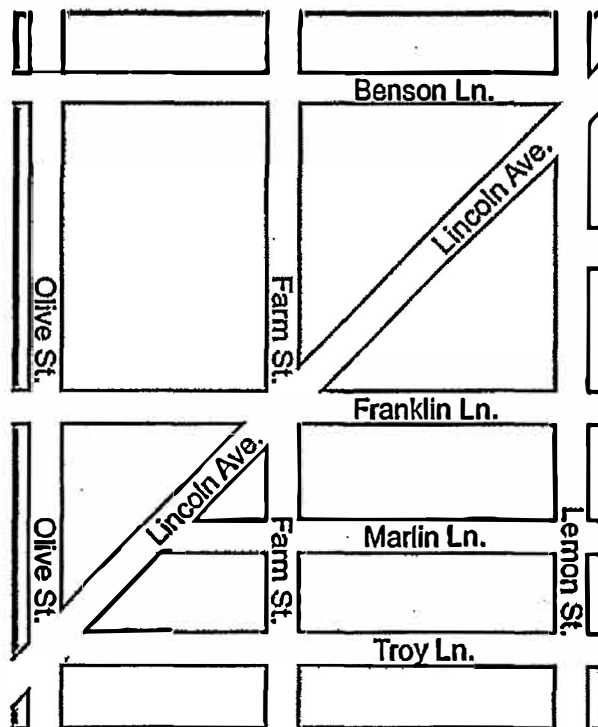
Because all of these are streets altough some people may concider them withi lines of symmetry they don't need lines of symmetry.

⊢   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.

Lemon St., Troy Ln., Benson Ln.,
Farm st, Troy 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.

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?

Lemon st. and olive. st.

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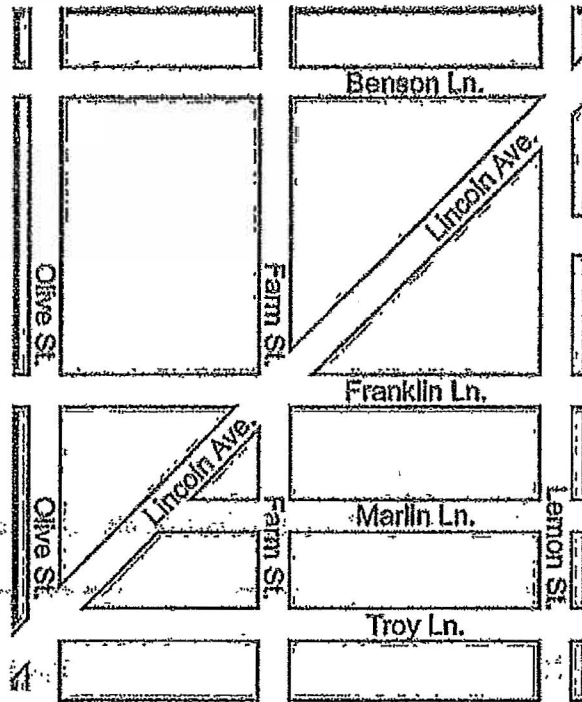
Because it has a

picter in it.

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. Troy Ln.

2. Lemon St.

3. Lincoln Ave.

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

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

1. Marlin Ln.

2. Franklin Ln.

3. 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?

Jack is incorrect because Farm St. and Lincoln Ave. aren't perpendicular, they just intersect.

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 some of the streets go straight across like a line of symmetry.

PRACTICE SET 1* Item:

Subject: Math   **Construction Crew**   **Grade:4**

Name_____

Number	Score	Consensus	Notes
P1-1			
P1-2			
P1-3			
P1-4			
P1-5			
P1-6			
P1-7			
P1-8			
P1-9			
P1-10			

* Responses in this set do not have true scores. Apply scores based on scoring criteria.