

PSSA and Keystone Exams
Summer 2023 Workshops

PSSA, Grade 4 Math

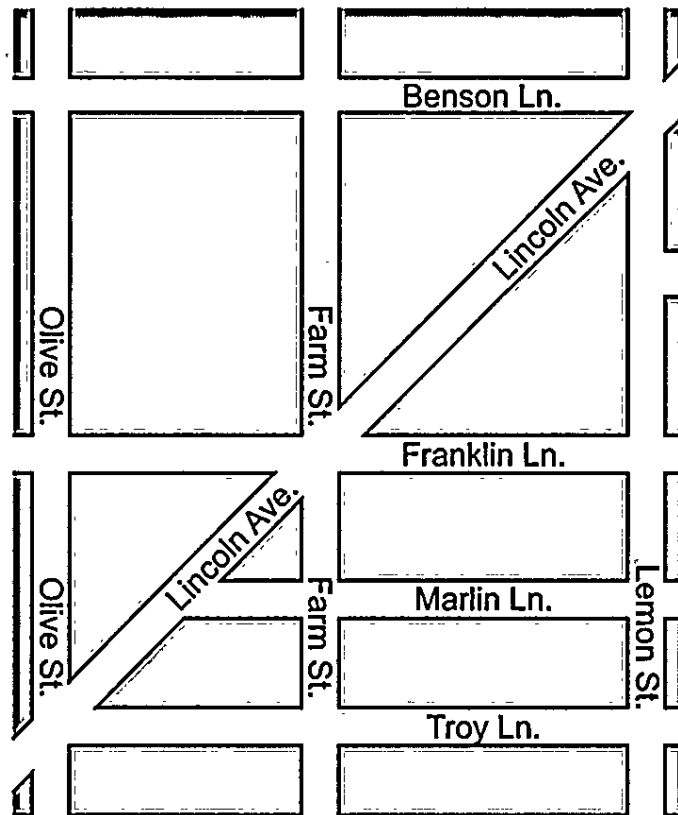
Map Shown Below

Handscoring
Training Set 2

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.
Farm St.
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.

Franklin Ln.
Marlin Ln.
Troy 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,

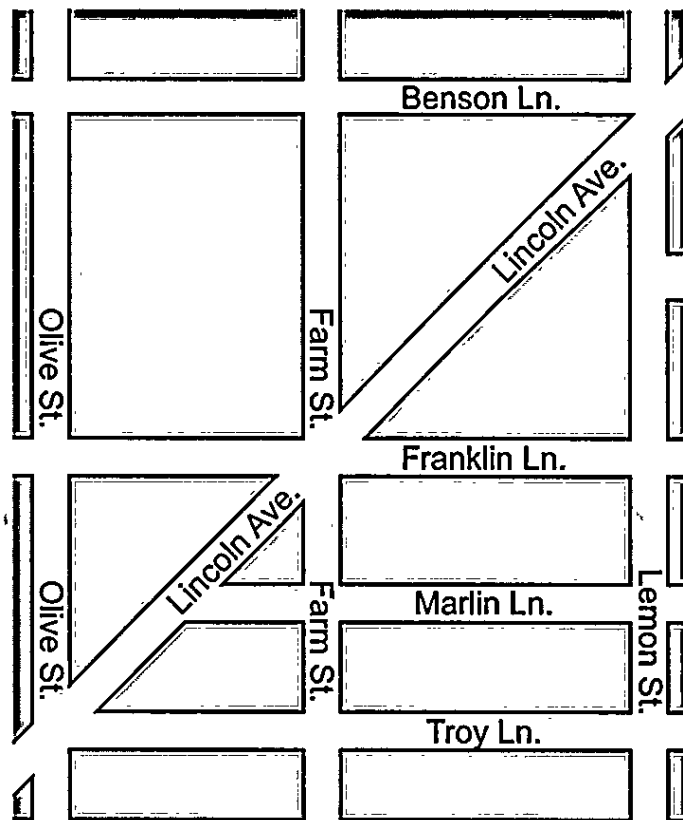
D. Explain why the map does not have a line of symmetry even though it is in the shape of a rectangle.

It does not have a shape of any symmetry because it has lines every where.

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.

Marlin Ln, Frankline 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.

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

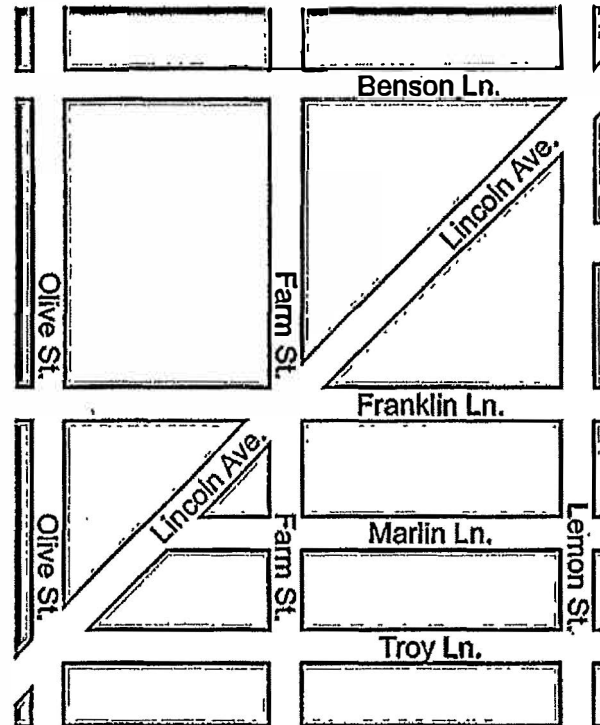
It does not have a line of symmetry because all the streets 'don't go straight.



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.

Benson Ln.
Lincoln Ave.
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.

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?

because of Lincoln Ave., Farm St. is not perpendicular to Lincoln Ave.

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

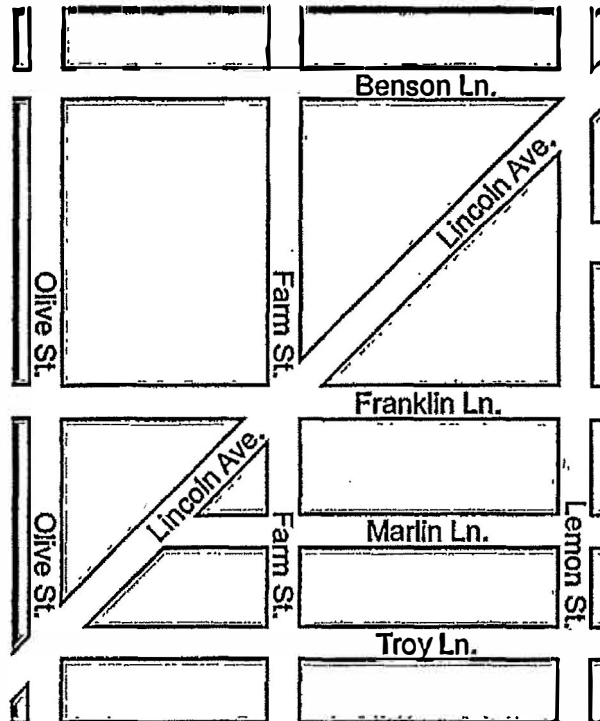
because there is shapes that will not fold up to match some will but not all will match.



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., Benson Ln., 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.

Benson Ln., Franklin Ln., 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?

Lincoln Ave. is the road that proves that Jack's claim 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.

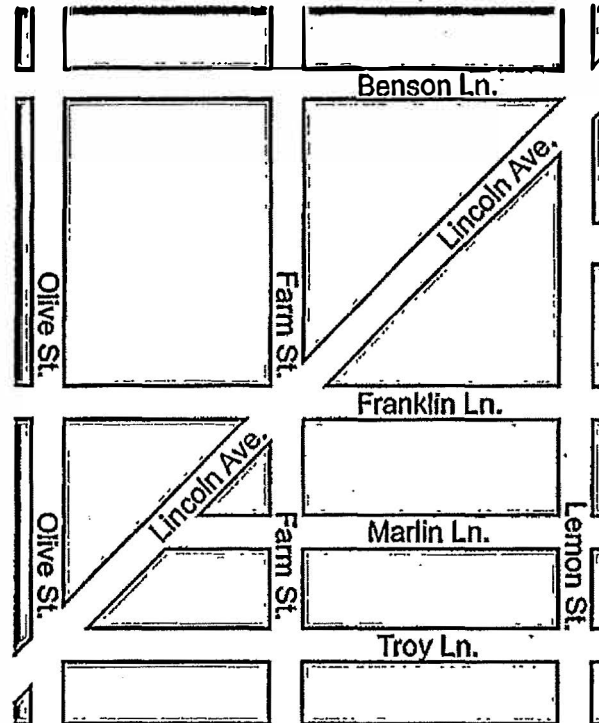
The map does not have a line of symmetry even though it is in the shape of a rectangle because Lincoln Ave. does not split the rectangle evenly.



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.

Lincoln Ave., Farm st. and Olivest..

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, Franklin Ln. and 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.

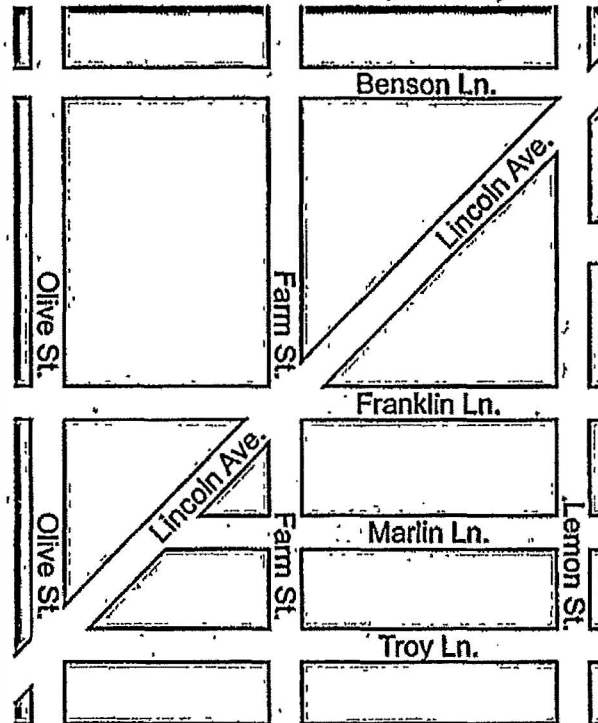
Because three roads are different sizes: Troy Ln., Benson Ln. and Olive st.



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 farm st
2 Lincoln ave
3 Franklin Ln
4 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.

1 Marlin Ln.
2 Farm st
3 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?

Jack's claim is not correct
because farm st. is parallel near
troy Ln.

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

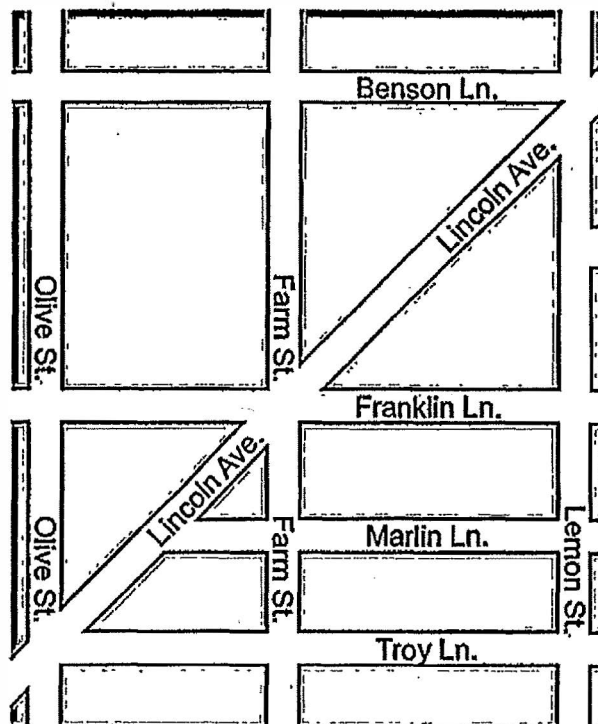
it does not show the line
of symmetry because
it is invisible line that
is why you can see
it.



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.

*Farm St., Benson Ln.,
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.

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's no lines of

symmetry because the lines
that are roads are not

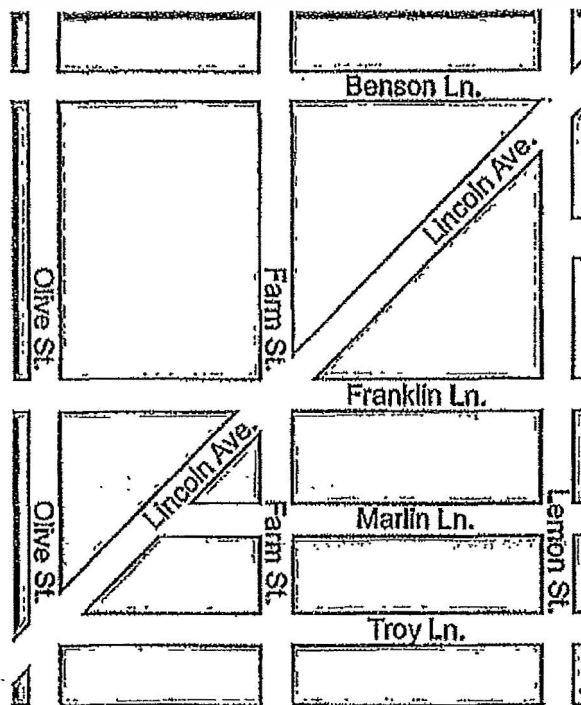
symmetry



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.

Marlin Ln.
Farm St.
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.
Lemon St.
Troy Ln.
Farm St.

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?

franklin lane

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

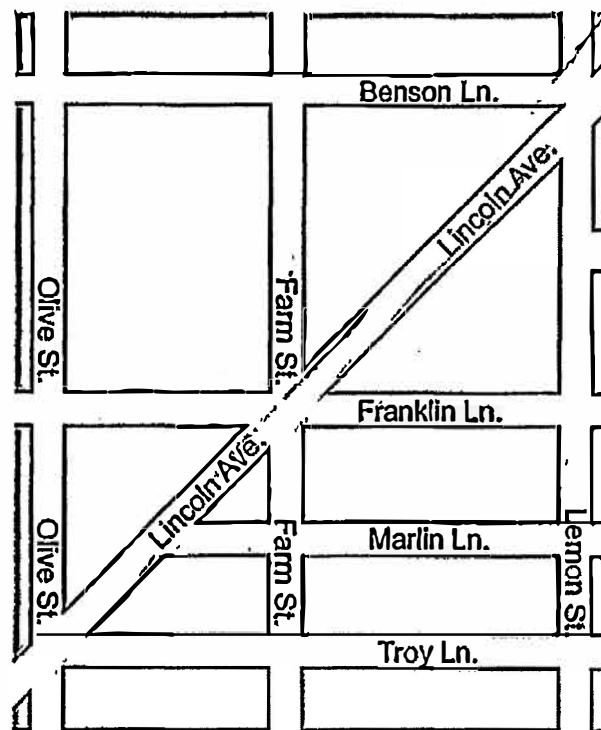
because
Franklin Ln
is perpendicular



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 Avenue, Farm Street, and Marlin Lane

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 Lane, Franklin Lane, and Benson Lane.

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. runs into Farm St. creating an 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.

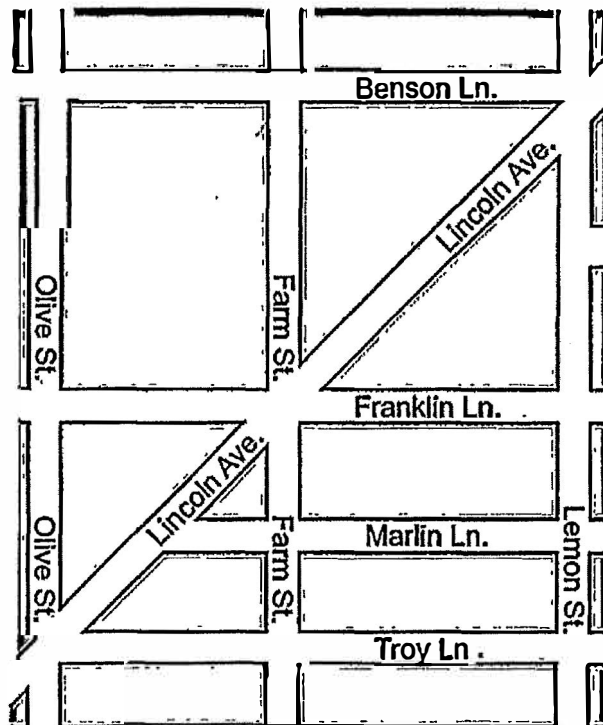
The map doesn't have a line of symmetry even though it is a rectangle because the streets aren't right. Another reason is streets do not match up correctly. You would not be able to fold the sides without having uneven sides. For all these reasons this is why even though the map is a rectangle it does not have any 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.

Lincoln Ave, Lemon St, 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.

Benson Ln, Franklin Ln
and 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?

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 the road go
in different directions

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

Subject: Math

Item: Map Shown Below

Grade: 4

Name _____

Number	Score	Notes
T2-1		
T2-2		
T2-3		
T2-4		
T2-5		
T2-6		
T2-7		
T2-8		
T2-9		
T2-10		