

PSSA and Keystone Exams
Summer 2023 Workshops

PSSA, Grade 4 Math

Map Shown Below

Handscoring Practice Set 2*

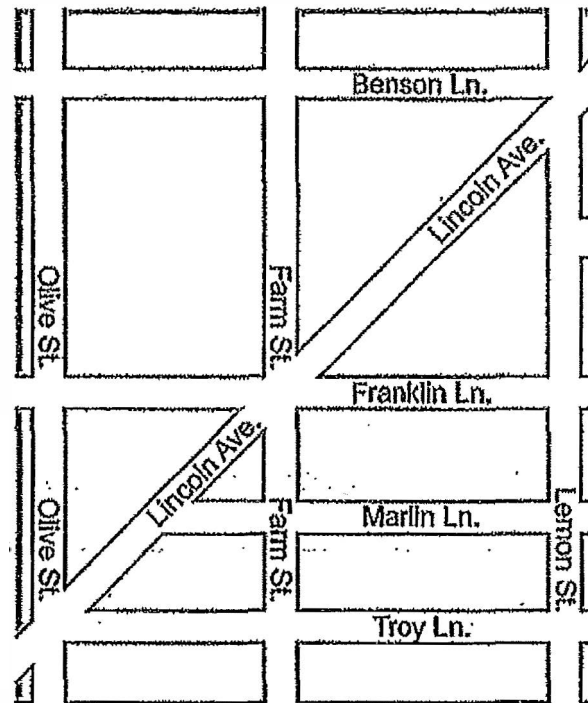
*Responses in this set do not have true scores. Apply scores based on scoring criteria.



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,
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.

Lemon St.
Franklin Ln.
Lincoln ave.

F

MATHEMATICS

SECTION 2

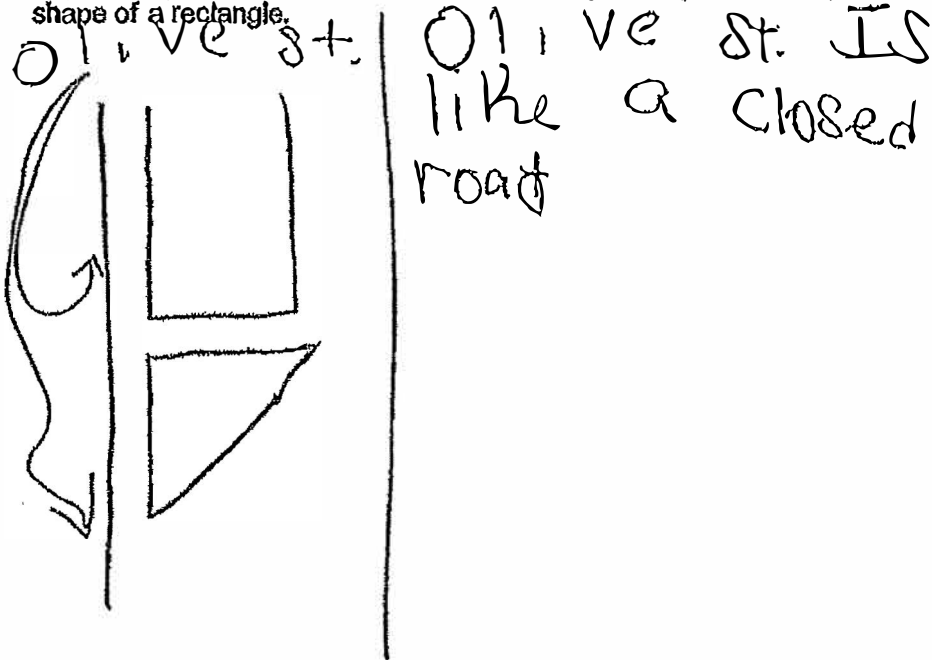
51. *Continued.* Please refer to the previous page for task explanation.

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?

It is not correct because
It is too close to others.

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

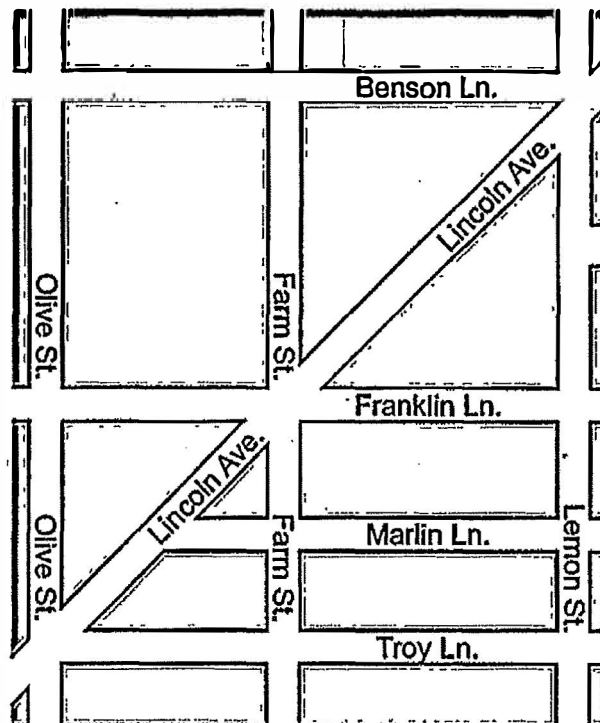




MATHEMATICS

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., Franklin 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?

Lincoln Ave.

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

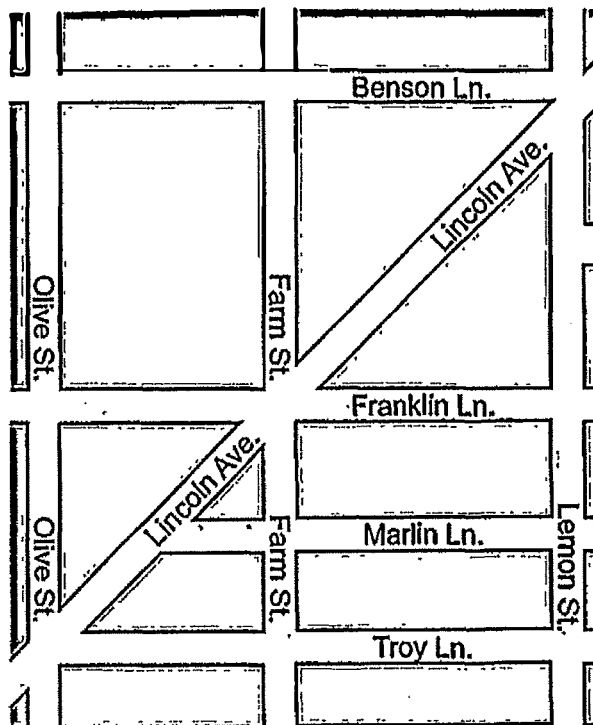
The map does not have a line of symmetry because Lincoln Ave. makes the corners different shapes



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,
Olive St.
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



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.

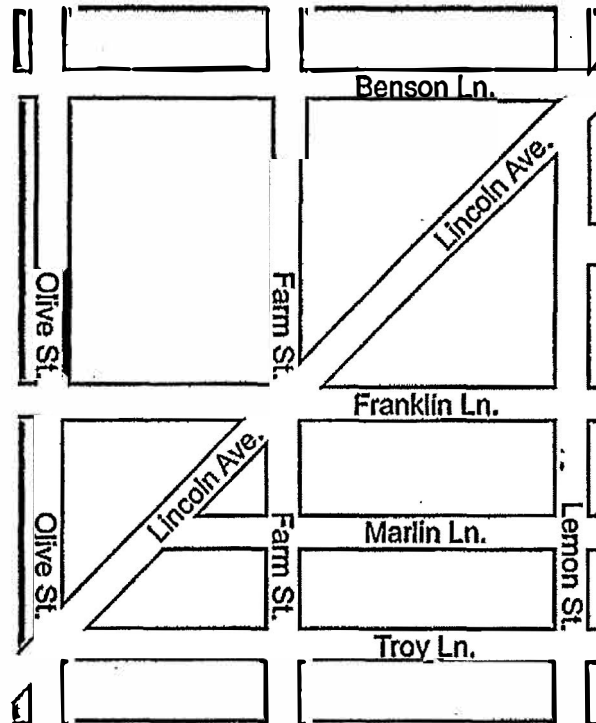
if you drew it you will
not now were you drew
your line,



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., 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.

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?

Lincoln Ave.

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

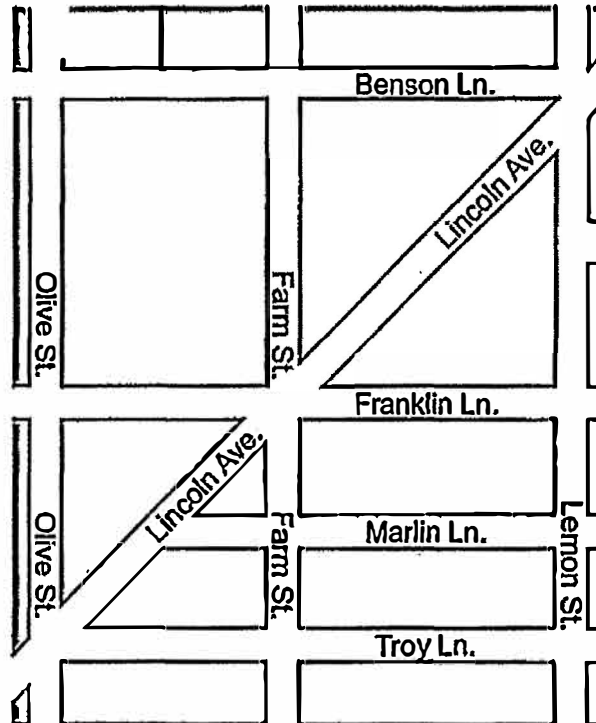
The map does not have a line of symmetry even though it's a rectangle because you can't fold the map in half and have both sides match.



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.

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

Franklin Ln.

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

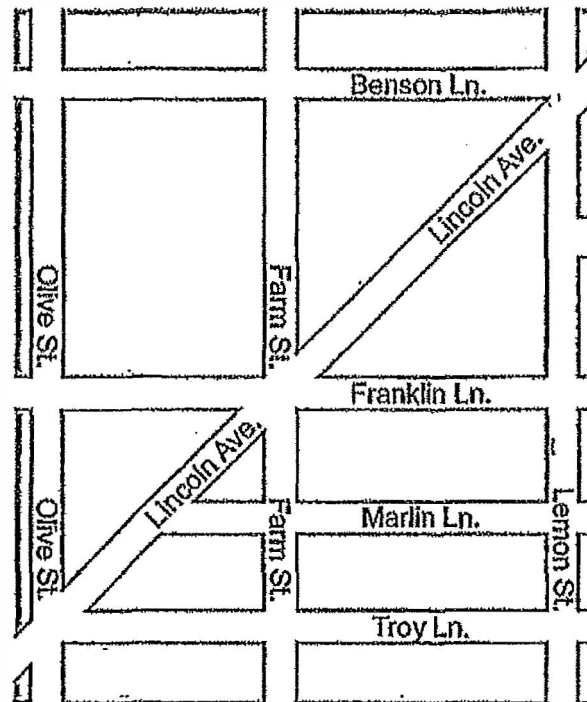
It does not have one because of the right triangles in it.



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.

Benson Ln., Farm St., and 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.

Marlin Ln., Franklin Ln., and Benson Ln. run parallel to 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?

The road that proves Jack's wrong is Lincoln Ave. because it makes an acute angle there.

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

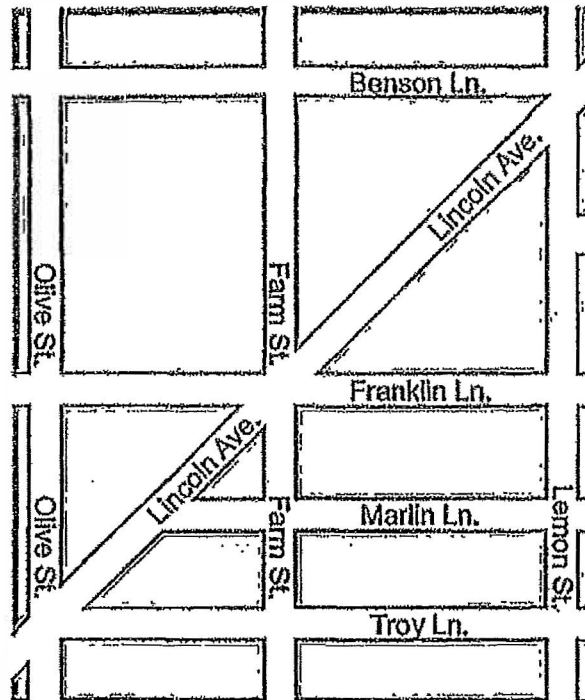
It doesn't have a line of symmetry because the roads and the words are not all the same which makes it have no line of symmetry. That is why there are no lines of symmetry.



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.

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.

Lemon St. Olive St.
Farm 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 it does not intersect

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

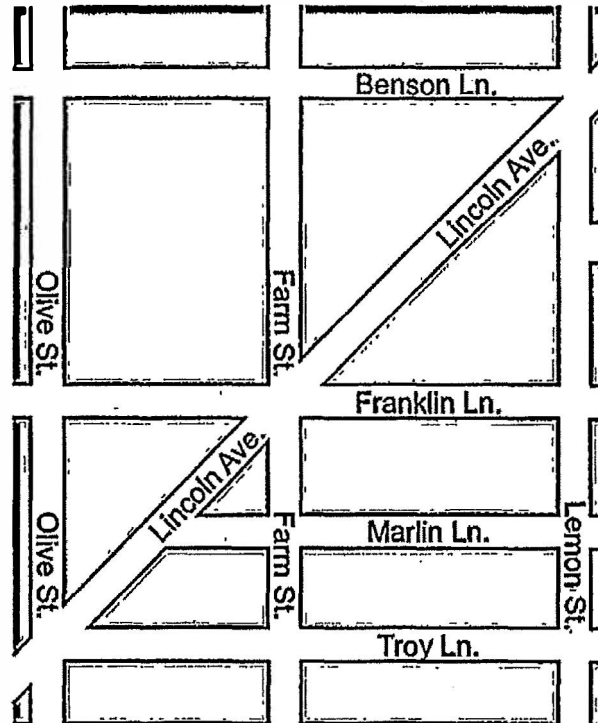
It is skinny



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.

Marlin Ln. Benson Ln.
Franklin 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.

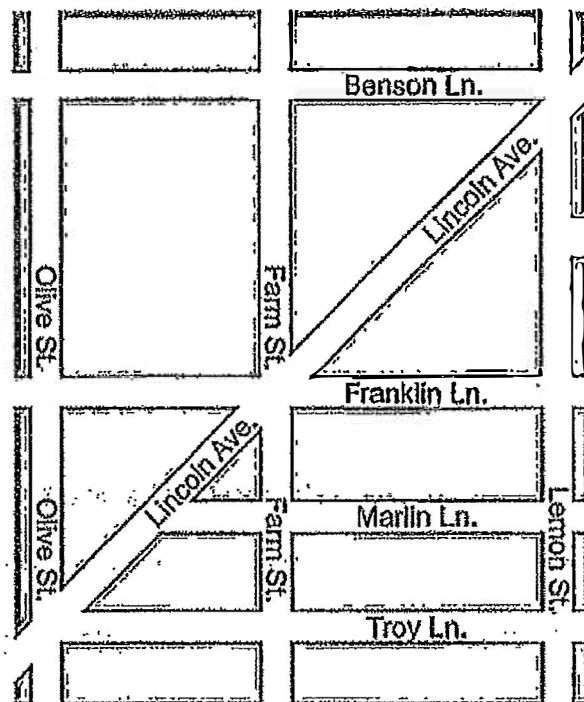
Since Lincoln Ave. is crossing right across, and Marlin Ln. stops right at Lincoln Ave., the map does not have any lines of symmetry.



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.
Olive 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?

Jack is wrong because
Lemon St. and Oliver St. are not perp

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

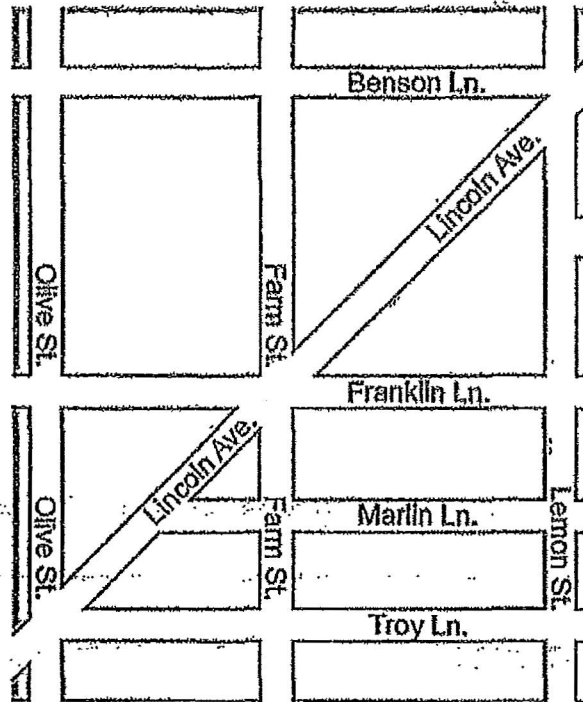
It is because that the
way they were made.

4

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.
the road for the right triangle is
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.
Farm St Franklin and
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?

Franklin Ln
road

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

no because they are right triangles

PRACTICE SET 2* Item:

Subject: Math

Map Shown Below

Grade: 4

Name _____

Number	Score	Consensus	Notes
P2-1			
P2-2			
P2-3			
P2-4			
P2-5			
P2-6			
P2-7			
P2-8			
P2-9			
P2-10			

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