Suggested Math Plans
April 13-17

Day 1	○ Day 1: RCS Individual Learning Module Week 2 ○ Watch the PBS mini lesson and play the game at the end ○ http://files.pbslearningmedia.org/dlos/wnet/dlo3.html ○ Click on the box titled "Area Questions" and use a piece of paper to answer the questions! Area Questions
Day 2	○ Day 2: RCS Individual Learning Module Week 2 ○ Watch "Area" on Brainpop Jr ○ Play Area Builder Game ○ https://www.brainpop.com/games/areabuilder/ ○ Area Quizizz: Use code 602927 to play against other third graders!
Day 3	○ Day 3: RCS Individual Learning Module Week 2 ○ IXL Lesson: FF.11- Find the Area of Rectangles and Squares ○ "Design a City" Task using the attached graph paper.
Day 4	○ Day 4: RCS Individual Learning Module Week 2 ○ Mobymax assigned lesson: Find the Area of a Large Figure by Decomposing the Figure Into Smaller Components
Day 5	○ Day 5: RCS Individual Learning Module Week 2 ○ IXL Lesson FF.14- Find the Area of Complex Figures By Dividing Them Into Rectangles ○ Area of Combined Rectangles Sheet (Attached)

Bonus Activities!

- Assigned Iready Lessons
  - Understand Area
  - Add and Multiply to Find Area
- Area Matching Game (attached)
- IXL Lesson: FF.8- Tile a Rectangle and Find the Area
- Watch the PBS lessons- 10:30 AM on Tuesday and Friday

DESIGN A CITY TASK

You are going to use graph paper to design your own city! Be sure to include all of the following places needed to make sure your city runs. Be sure to write down the equation and area for each building! When you are finished with area, solve for the perimiter of each building. Be sure to decorate it when you're done!

AREA

Police Station	____ x ____ = ____ u^2
Homes	____ x ____ = ____ u^2
Pool	____ x ____ = ____ u^2
School	____ x ____ = ____ u^2
Fire Station	____ x ____ = ____ u^2
Shopping Mall	____ x ____ = ____ u^2
Hospital	____ x ____ = ____ u^2
Park	____ x ____ = ____ u^2

PERIMETER

Police Station	____ + ____ + ____ + ____ = ____ u
Homes	____ + ____ + ____ + ____ = ____ u
Pool	____ + ____ + ____ + ____ = ____ u
School	____ + ____ + ____ + ____ = ____ u
Fire Station	____ + ____ + ____ + ____ = ____ u
Shopping Mall	____ + ____ + ____ + ____ = ____ u
Hospital	____ + ____ + ____ + ____ = ____ u
Park	____ + ____ + ____ + ____ = ____ u

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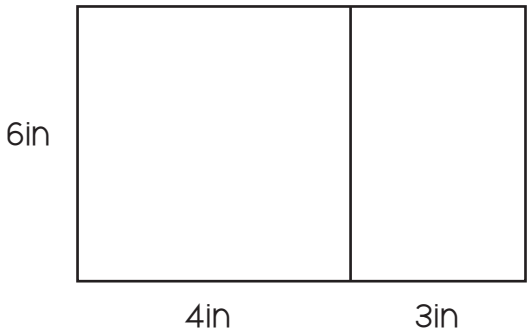
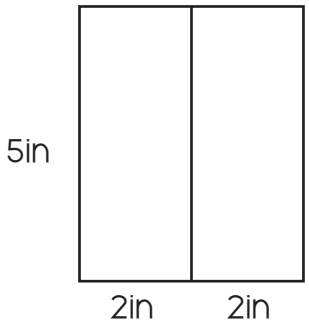
Name:_____

Area of Combined Rectangles

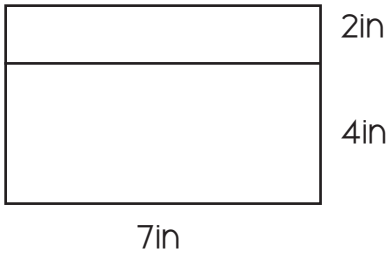
1. Find the area of each combined rectangle.



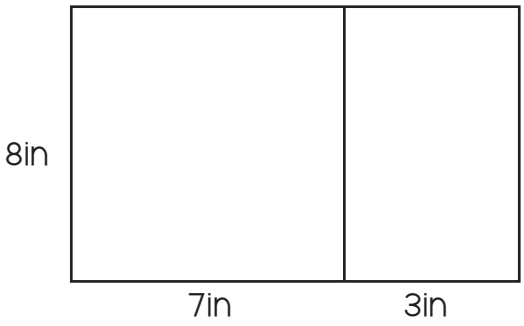
_____ sq inches



_____ sq inches



_____ sq inches



_____ sq inches

2. Jenny's room has a small bathroom and then a large bedroom attached. What is the total area of Jenny's space?

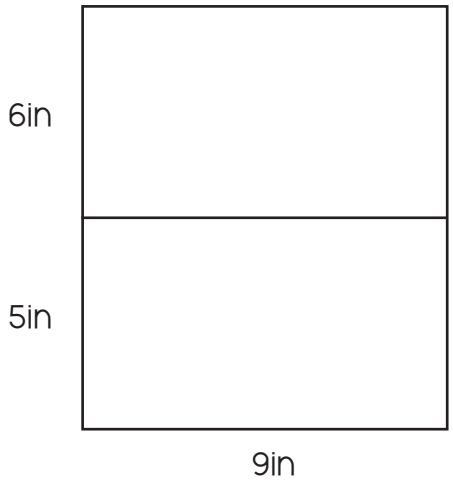
The area of Jenny's space is _____
because_____
_____

3. Mark tapes two pieces of paper together. The diagram shows how he puts them together. Fill in the blanks.

The area of the top paper is _____ square inches.

The area of the bottom paper is _____ square inches.

The total area is _____ square inches.



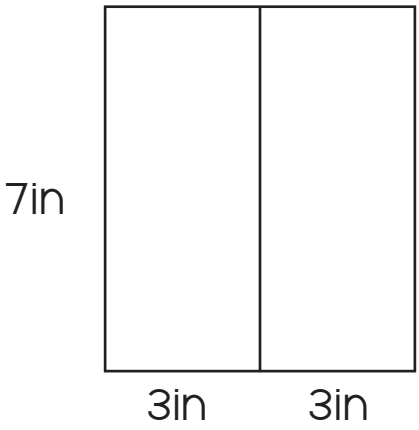
4. Explain how to solve the area for figure A.

_____

_____

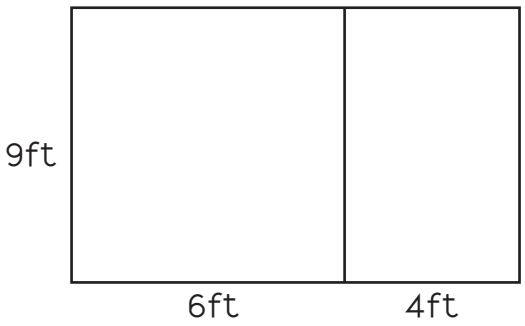
_____

_____



5. Megan and Tony are painting a room two different colors.They will have enough dark grey paint to cover 50 sq ft. They have enough light grey paint to cover 30 sq ft. Will this be enough paint? Why or why not?

Megan and Tony's Room

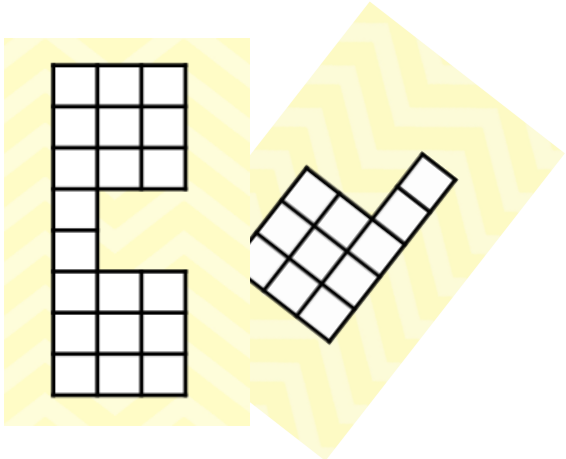
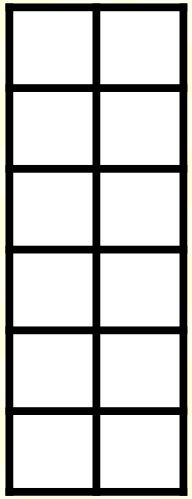
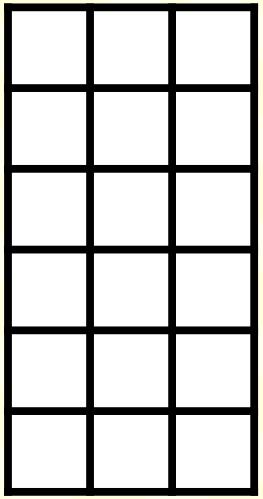
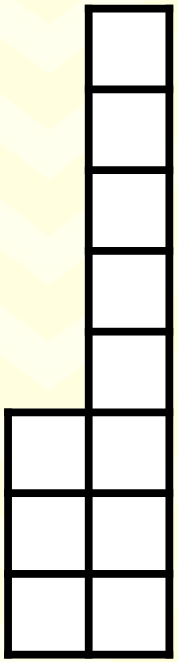
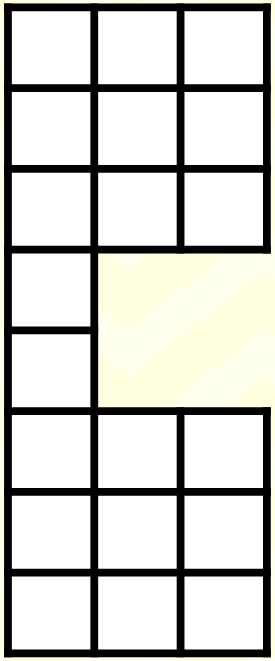
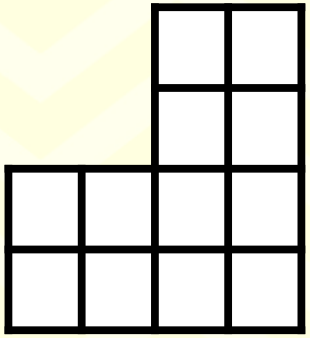
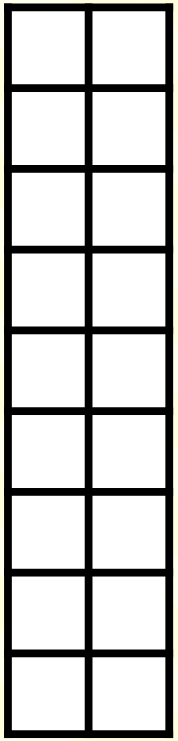
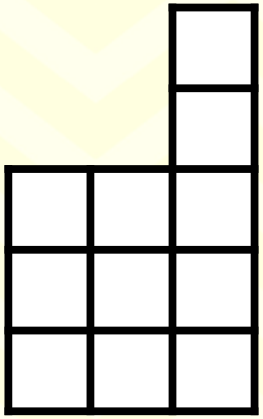
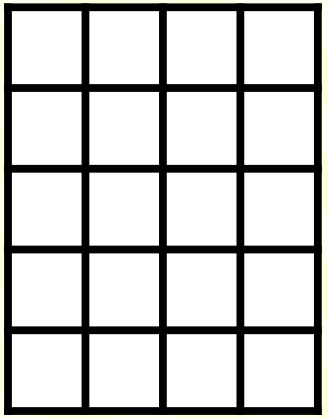
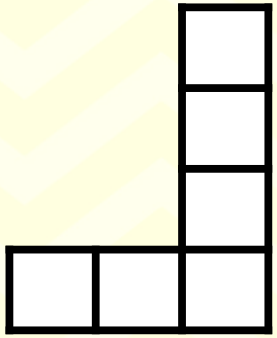
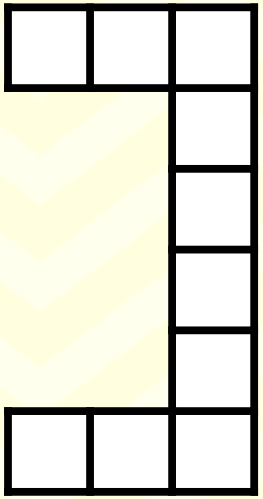
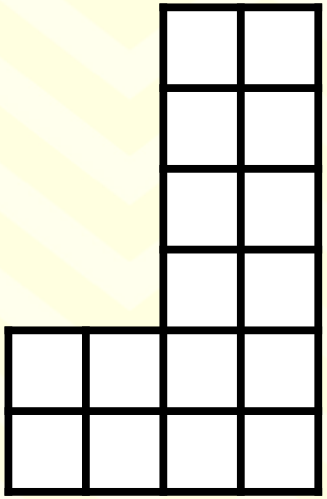
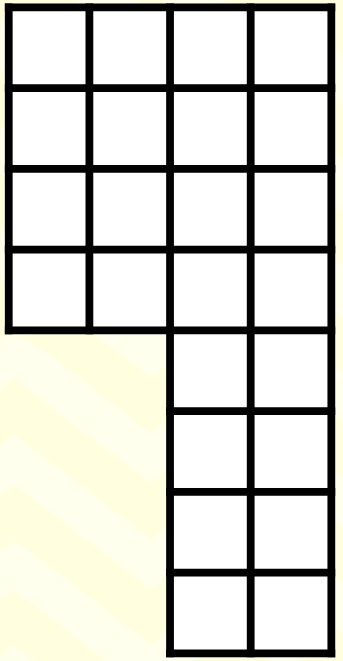
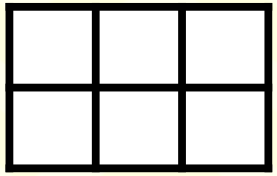
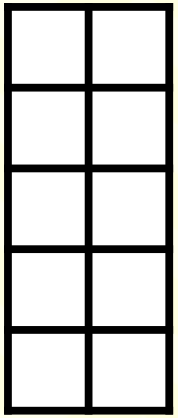
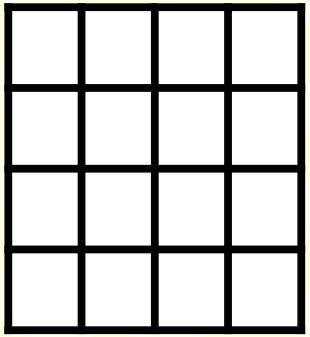
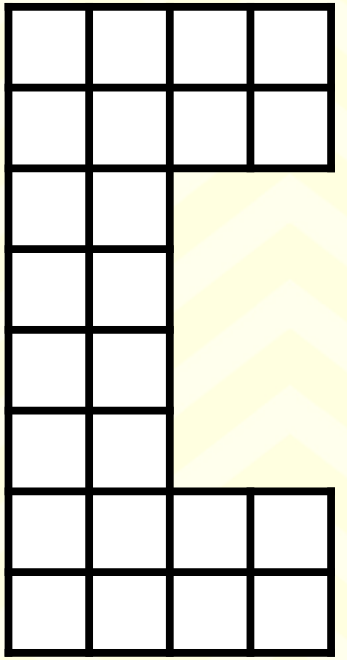
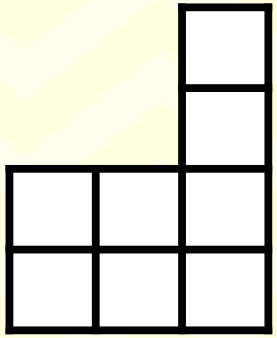
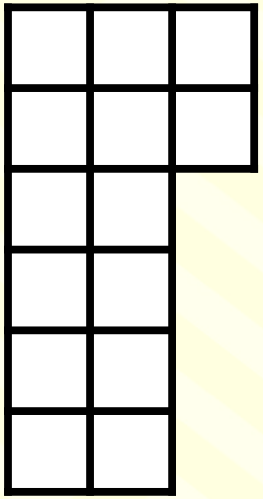
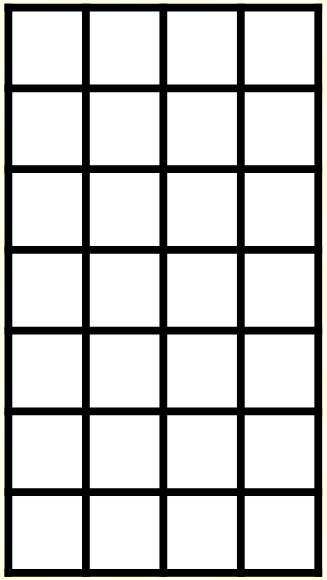
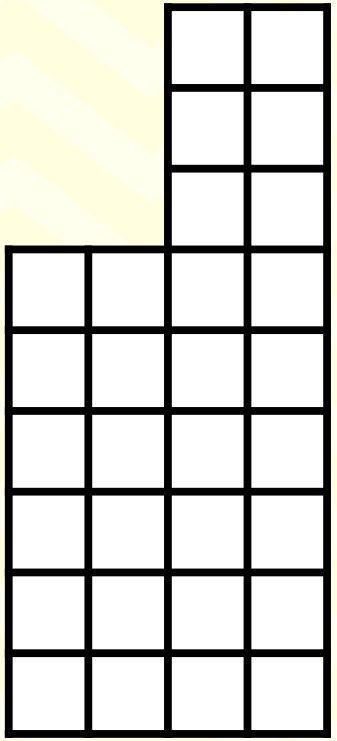
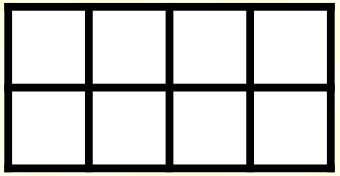
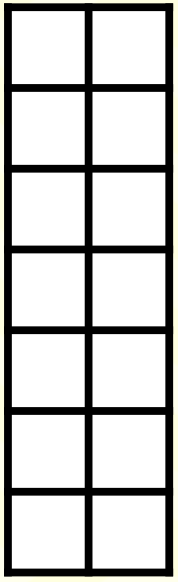
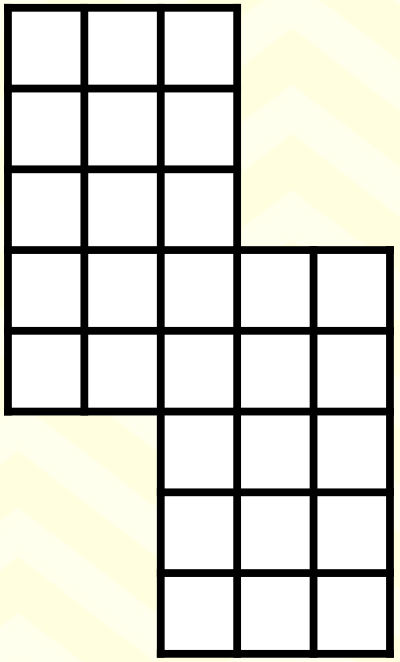
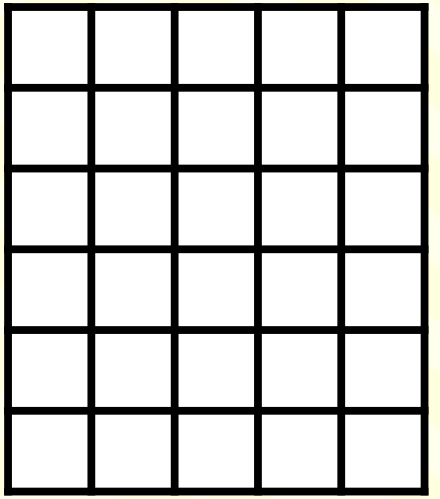


_____

_____

_____

_____

Match the Area

1. Find a partner.
2. Arrange the cards face down in a 6 by 4 array.
3. On your turn, turn over two cards. Find the area of each.
   - If the shapes have the same area, keep the cards and turn over 2 cards.
   - If not, turn them face down and your turn is over.
4. The player with the most matches at the end wins!