AREA & PERIMETER REVIEW

Choose 1 activity from each row. You will complete **4** activities total. Most activities should take approximately 15 minutes. However, some activities may take additional time.

My teacher's assignment	Complete **Activity #1** and turn it into your teacher		Complete **Activity #2** and turn it into your teacher
Add, Subtract, Multiply, Divide: Practice your facts	Practice your facts with a partner. *You can use flash cards or have a partner quiz you.*	Practice your facts using Freckle, Xtra Math, or another online platform.	Practice your facts with "Egg Carton Facts." *See directions on page 6.*
Technology	**Online Practice: Area** Area: https://tinyurl.com/karea1 Missing Side: https://tinyurl.com/karea2	**Online Practice: Perimeter** Perimeter: https://tinyurl.com/kahnp1 Missing Side: https://tinyurl.com/kahnp2	**Play the online game: Zoo Designer** https://mrnussbaum.com/zoo-designer-online-game
Hands on	**Play Concentration** *Cut cards and turn upside down. Turn over 2 cards to try and find a match.* *If you don't have a printer, you can make your own cards.*	**Play "The Island Game"** *If you don't have a printer, you can draw your own grid or play on a digital grid.*	**Coloring Page** *You will need to print this page or color it digitally.*

AREA/PERIMETER: ACTIVITY #1

All figures are not drawn to scale.

Find the area and perimeter of each rectangle.

1

Area: _____ square feet

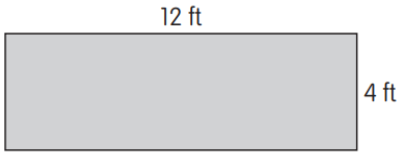
Perimeter: _____ feet

2

Area: _____ square yards

Perimeter: _____ yards

3

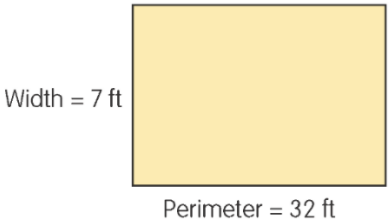


Area: _____ square feet

Perimeter: _____ feet

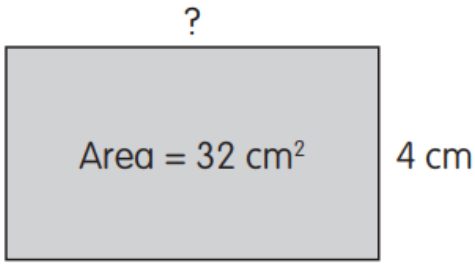
Find the unknown side of each rectangle.

4



Length = _____ feet

5



Length = _____ cm

6

This figure is a square.

Each side measures: _____ cm

7 The **area** of a rectangular field is 117 square yards. The width of the field is 9 yards. What is the length of the field?

8 Joan has a rectangular rug that is 11 feet long and 8 feet wide. What is the **perimeter** of the rug?

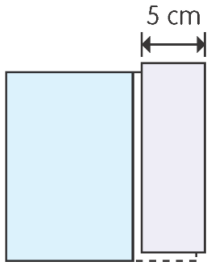
Answer: _____

AREA/PERIMETER: ACTIVITY #2

All figures are not drawn to scale.

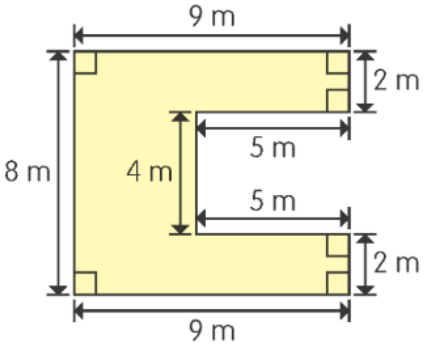
1. A **square** piece of paper has a **perimeter of 60 cm**. Maria cuts away a 5 cm wide rectangular strip along one side of the paper as shown. What is the **area** of the remaining (blue) paper?

   Answer: _____

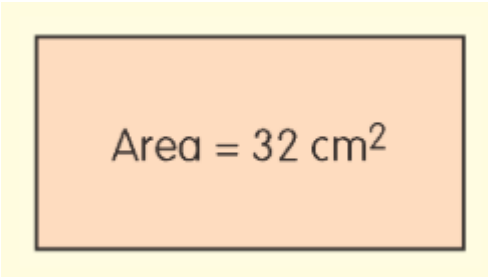


2. Find the total **area** of the figure. *Hint: Cut it apart into rectangles.*

   Answer: _____



3 Ms. Adams uses some rectangular cards to make labels for the plants in her garden. Each rectangular card has an area of 32 square centimeters. The length of the card is twice its width. What is the length and width of each rectangular card?



Egg Carton Facts

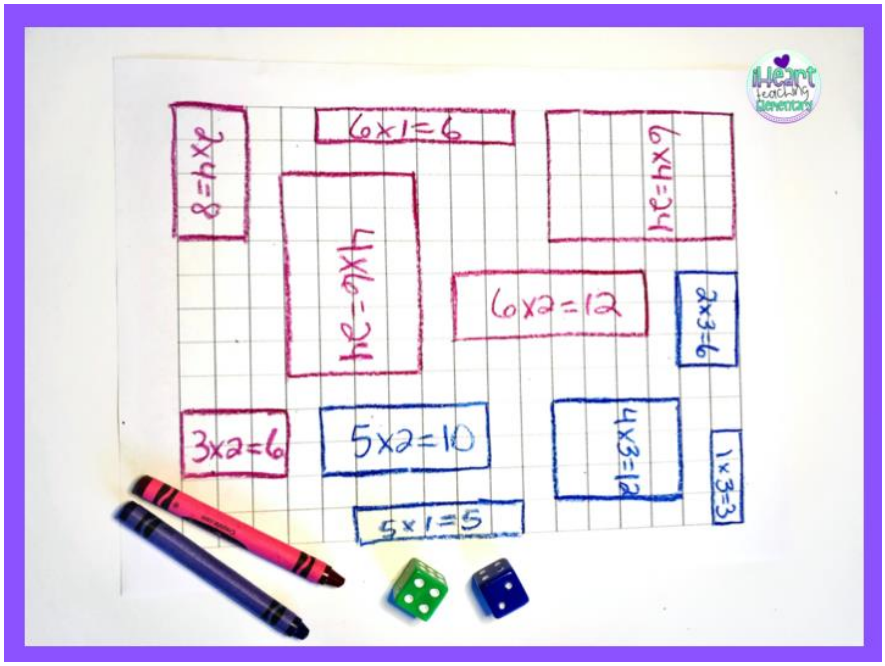
Use an egg carton and write a number in the bottom of each depression. Put two small objects inside (marbles, counters, pieces of macaroni, etc.). Students shake the egg carton, open the top, and whatever two numbers the marbles have landed on, they add, subtract, or multiply together.

ISLAND GAME

Materials: Grid paper (print or draw your own), dice, crayons

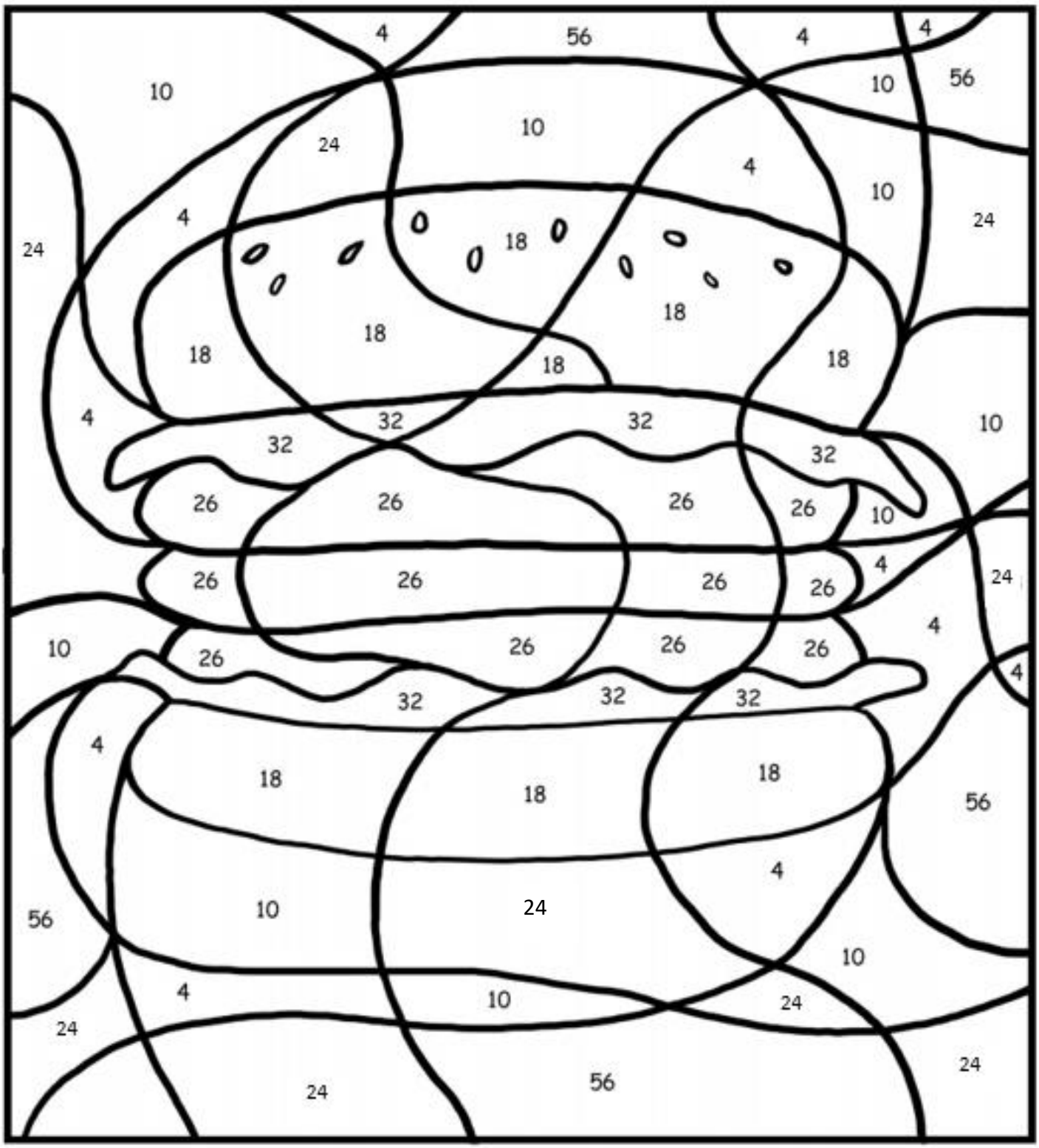
Directions:

- Player 1 rolls 2 dice. The numbers become the length and width of the rectangle "island" they will be making.
- Player 1 draws a rectangle island (that corresponds with the numbers just rolled) anywhere on the blank grid paper "ocean".
- Player 1 writes the multiplication equation to show the area of that rectangle island. For example, if a 3 and a 6 were rolled, the student would draw a rectangle with 3 rows of 6 and write the equation 3 × 6 = 18 inside.
- Players take turns until the grid paper "ocean" is almost filled. At the end, there will be plots of land that have to have an exact number roll to fit into the space provided. If that is the case, they have to skip their turn if they don't roll that particular number.
- At the end of the game, players each add up the total area used. The student with the largest total area is the winner.



COLORING ACTIVITY

Solve the Problems. **All shapes are rectangles.**	**Find the answer and color the picture**
Length = 7 Width = 8 Find the area =	56: Black 50: Red
Length = 5 Width = 8 Find the perimeter =	26: Brown 28: Green
Length = 4 Find the Width = Area = 16	6: Pink 4: Red
Length = 10 Width = 6 Find the perimeter =	32: Green 30: Yellow
Length = 2 Width = 5 Find the area =	16: Orange 10: Blue
Length = 9 Width = 3 Find the perimeter =	20: Blue 24: Yellow
Length = 4 Width = 5 Find the perimeter =	12: Red 18: Orange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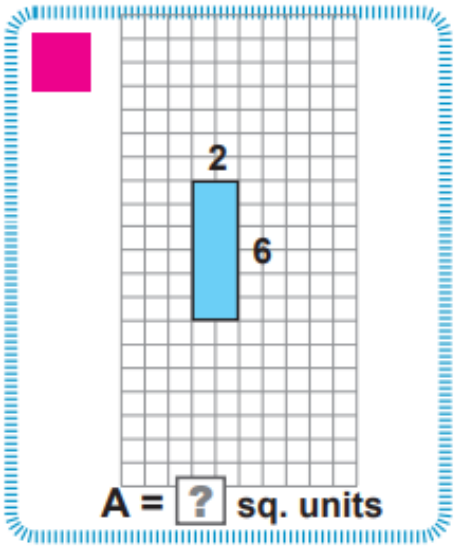
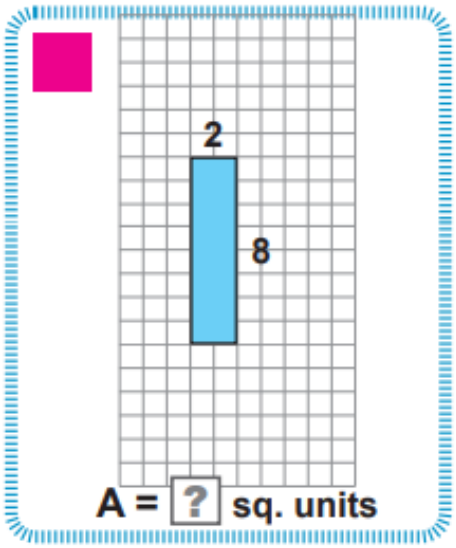
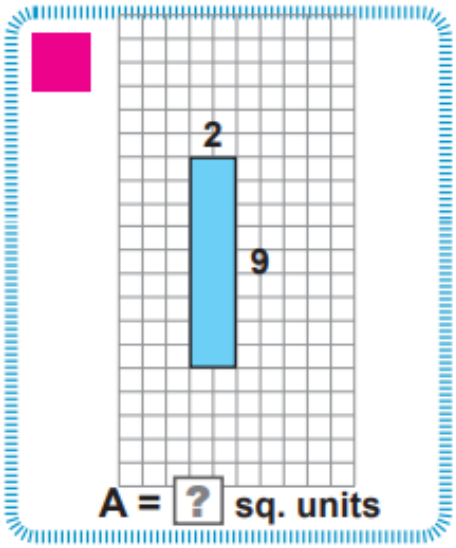
24

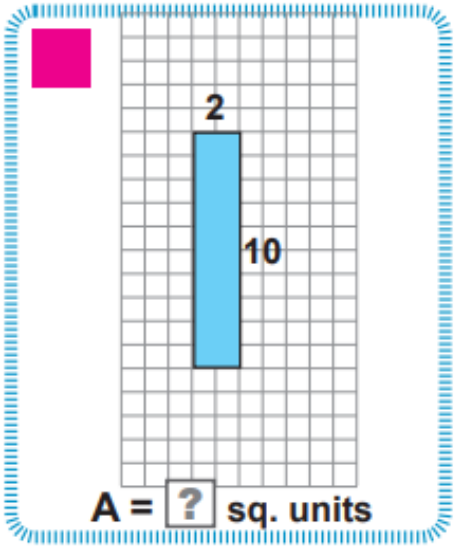
CONCENTRATION CARDS

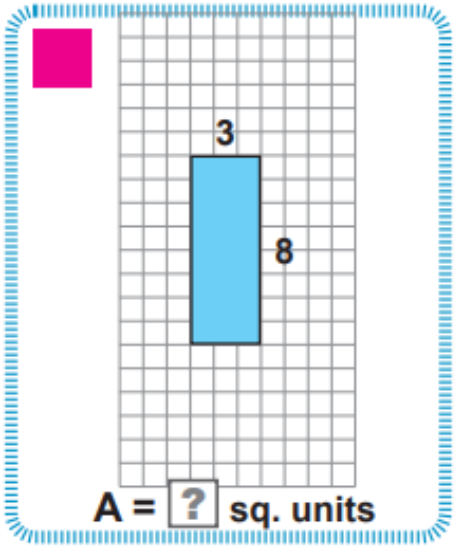
Area 12 square units	Area 16 square units	Area 18 square units
Area 20 square units	Area 24 square units	Area 30 square units
Area 36 square units	Area 40 square units	Area 60 square units

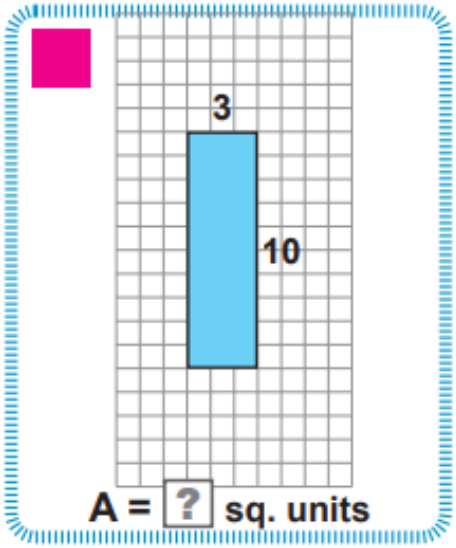

2
6
A = ? sq. units

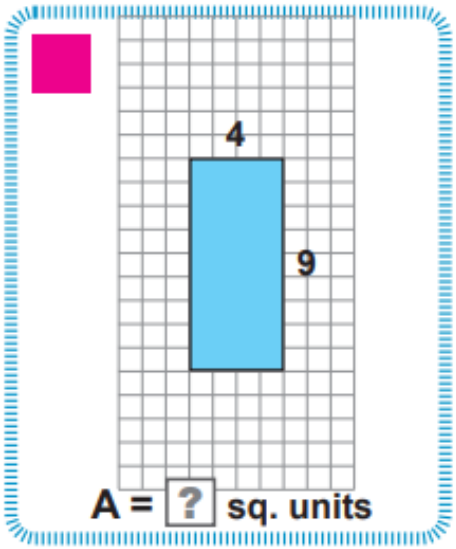

2
8
A = ? sq. units

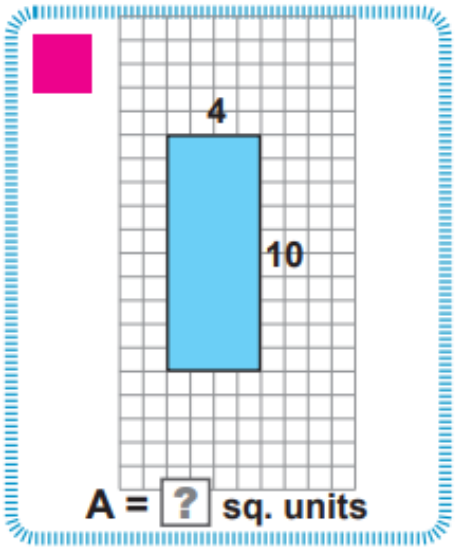

2
9
A = ? sq. units

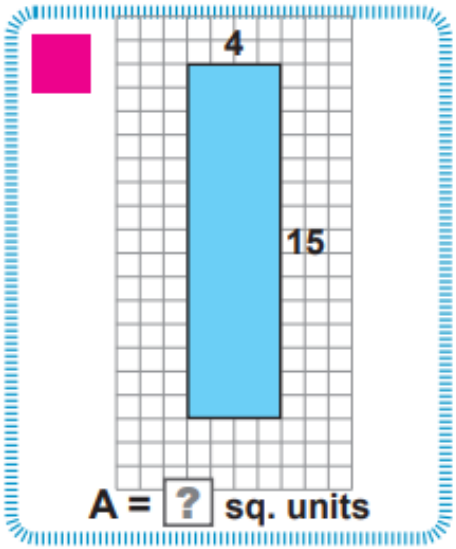

2
10
A = ? sq. units


3
8
A = ? sq. units


3
10
A = ? sq. units


4
9
A = ? sq. units


4
10
A = ? sq. units


4
15
A = ? sq. units