

Area, Perimeter, Weight & Capacity

Finding Perimeter & Area

A diagram of a rectangular garden. The garden is enclosed by a fence, which is labeled "Perimeter". The area inside the fence is labeled "Area".

X Marks the Spot

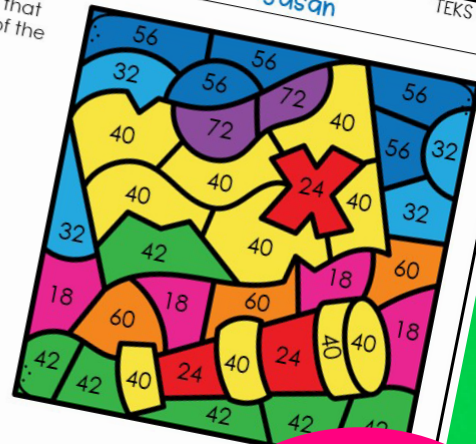
Area = 40
square units - Yellow

Area = 18
square units - Pink

Area = 24
square units – Red

Area = 60
square units - Orange

Name: Susan



3rd GRADE

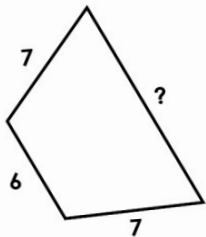
Student Pages

- Aligned to the 3rd grade TEKS & CCSS
- Build Conceptual Understanding
- Practice Skills

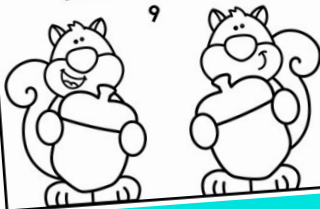
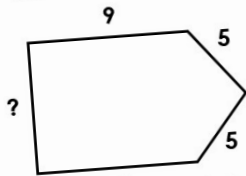
Perplexing Perimeter

Find the **Missing Side** When the Sides are Different Lengths

Perimeter = 29 yards
All sides are labeled in yards

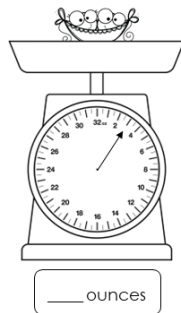
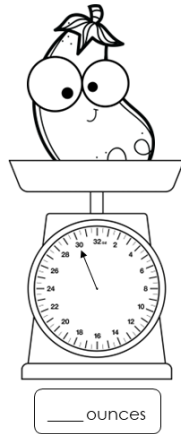


Perimeter = 35 meters
All sides are labeled in meters



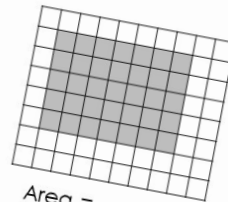
Veggie Friends

Write the **weight** shown on each scale in ounces.

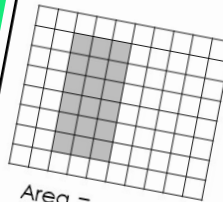


Area Island

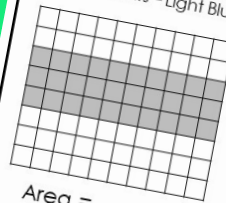
Find the **Area** of each shaded rectangle. Then with the color named in that problem, color each section of the picture with that number.



Area = _____
square units - Orange



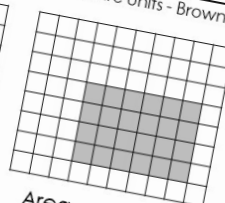
Area = _____
square units - Light Blue



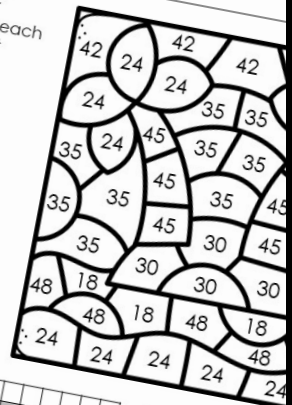
Area = _____
square units - Yellow



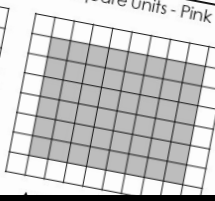
Area = _____
square units - Brown



Area = _____
square units



Area = _____
square units - Pink



MARVEL Math

Easy-to-Use

No Prep Worksheets

for stations, seatwork, tutoring, or homework

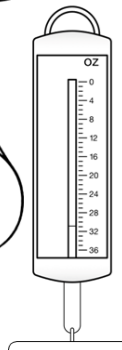
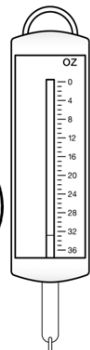
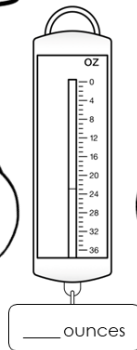
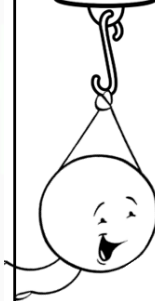
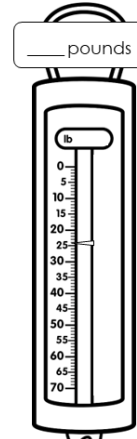
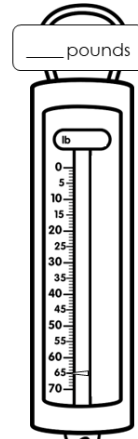
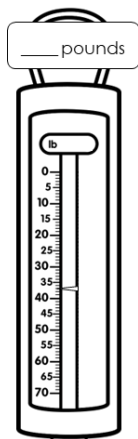
Just Hanging Out

Name: _____

Write the **weight** shown on each spring scale in pounds or ounces.

TEKS
3.7E

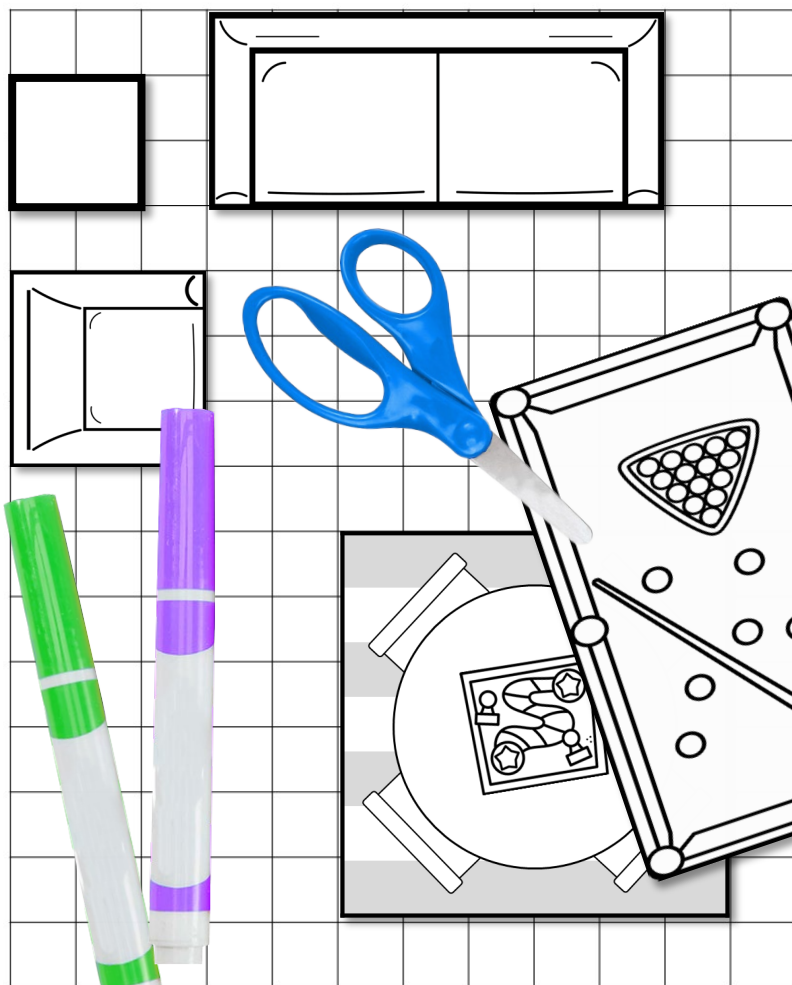
CCSS
3.MD.A.2





Adan

's Ultimate Game Room



My Ultimate Game Room Plan

Name: Adan

Item: Game Table Space

This covers 6 rows of square tiles, with 6 tiles in each row. This item has an area of 36 square feet.

Item: Enter

This covers square tiles, with tiles in each row. This item has an area of square feet.

Item: Sofa

This covers 7 rows of square tiles, with 3 tiles in each row. This item has an area of 21 square feet.

Item:

This covers 3 square tiles, with tiles in each row. This item has an area of 9 square feet.

Item: Cabinet to store games

This covers 4 rows of square tiles, with 1 tile in each row. This item has an area of 4 square feet.

Item:

This covers square tiles, with tiles in each row. This item has an area of square feet.

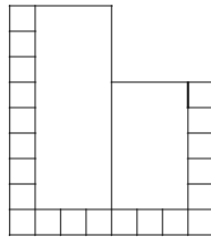
Print & Go Practice

We Belong Together

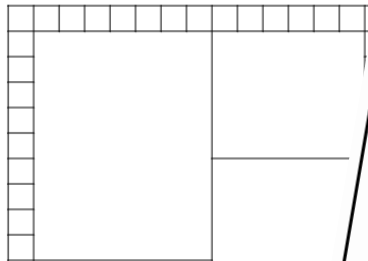
Name: Ian

TEKS 3.6D CCSS 3.MD.C.7d

Each figure is made of two rectangular parts. Find the area of each part and then add them together to find the total area of the figure.



$$\begin{array}{rcl} \underline{9} \times \underline{4} & = & \underline{36} \\ \underline{36} + \underline{24} & = & \underline{60} \text{ square units} \end{array}$$

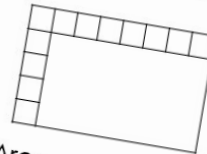


$$\begin{array}{rcl} \underline{10} \times \underline{8} & = & \underline{80} \\ \underline{80} + \underline{42} & = & \underline{122} \text{ square units} \end{array}$$

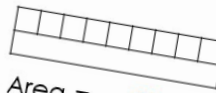
X Marks the Spot

Find the **Area** of each rectangle. Then with the color named in that problem, color each section of the picture with that number.

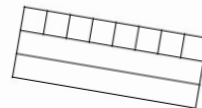
Name: Susan



$$\text{Area} = \underline{40} \text{ square units - Yellow}$$



$$\text{Area} = \underline{18} \text{ square units - Pink}$$



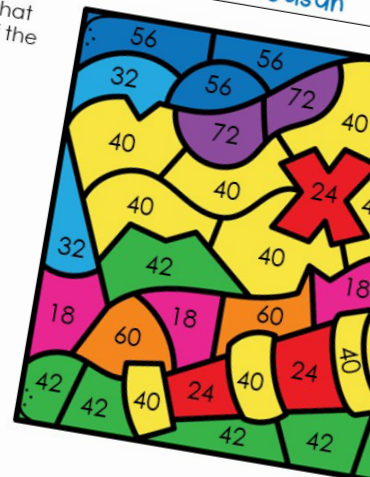
$$\text{Area} = \underline{24} \text{ square units - Red}$$



$$\text{Area} = \underline{60} \text{ square units - Orange}$$



$$\text{Area} = \underline{32} \text{ square units - Light Blue}$$



Fun & Engaging

Practice Students Need

Taco 'bout Measurement

TEKS 3.7D

Name: _____

Put a check mark next to the weight or capacity measurement units that could be used to measure each item. Each item may have between 1 and 3 correct answers.

The weight of the food truck.

- ☐ fluid ounces
- ☐ pounds
- ☐ quarts
- ☐ cups
- ☐ tons



The volume of water in the food truck's water tank.

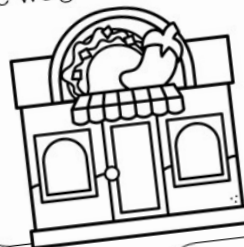
- ☐ pounds
- ☐ meters
- ☐ liters
- ☐ gallons
- ☐ tons

The volume of soda in a cup.



- ☐ pints
- ☐ pounds
- ☐ ounces
- ☐ cups
- ☐ fluid ounces

The weight of the sign at a restaurant.



- ☐ fluid ounces
- ☐ pounds
- ☐ quarts
- ☐ tons
- ☐ feet

The volume of hot sauce in a bottle.

- ☐ fluid ounces
- ☐ pounds

The weight of peppers purchased to make salsa.

- ☐ meters
- ☐ cups
- ☐ fluid ounces

The volume of salsa made in one day to serve to customers.

- ☐ pints
- ☐ pounds
- ☐ ounces

PERIMETER DETECTIVE 3

Find the **Missing Side Length**
of Rectangles

Name: _____

Patricia

TEKS 3.7B CCSS 3.MD.D.8

The perimeter of the rectangle is 28 inches. The width of the rectangle is 5 inches. What is the length?

- 1 Be a math detective. What information is secretly given to you in this problem?

Two sides of the rectangle are 5 inches.

The other two sides are equal in length.

- 2 Use these tools to understand and solve this problem:

- Draw a Picture
- Draw a Strip Diagram
- Create Equations

Strip Diagram



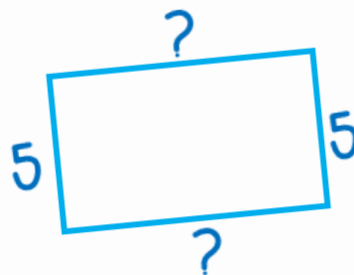
Equations

$$5 + 5 = 10$$

$$28 - 10 = 18$$



Picture



Perimeter = 28 inches

Solution:

The length of the rectangle is

Teacher Key is Included!

Taco 'bout Measurement

Name: _____

KEY

TEKS 3.7D

Put a check mark next to the weight or capacity measurement units that could be used to measure each item. Each item may have between 1 and 3 correct answers.

The weight of the food truck.

- ☐ fluid ounces
- ☒ pounds
- ☐ quarts
- ☐ cups
- ☒ tons



The volume of water in the food truck's water tank.

- ☐ pounds
- ☐ meters
- ☒ liters
- ☒ gallons
- ☐ tons

The volume of soda in a cup.



- ☒ pints
- ☐ pounds
- ☐ ounces
- ☒ cups
- ☒ fluid ounces

The weight of the sign at a restaurant.



- ☐ fluid ounces
- ☒ pounds
- ☐ quarts
- ☒ tons
- ☐ feet

The volume of hot sauce in a bottle.

- ☒ fluid ounces
- ☐ pounds
- ☐ inches
- ☐ miles
- ☒ pints



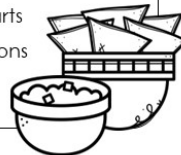
The weight of peppers purchased to make salsa.

- ☐ meters
- ☐ cups
- ☐ fluid ounces
- ☒ pounds
- ☐ pints



The volume of salsa made in one day to serve to customers.

- ☒ pints
- ☐ pounds
- ☐ ounces
- ☒ quarts
- ☒ gallons



About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

