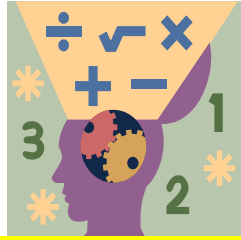


Name: _____ Section: 4A, 4B, 4C, 4D, 4E



Homework

Hello Scholars and Parents. Scholars will complete the Chapter 13 Quiz reviewing lessons 13.1 – 13.5 on Tuesday March 3, 2020. The quiz will assess knowledge on perimeter, area, area of combined rectangles, and unknown measures. The Chapter 13 extra practice will help scholars review and prepare for the quiz. Scholars will complete the Build a House assignment in class this week.

Think Central Information

Scholars have access to the Think Central GO MATH! Student Interactive Book which reviews Chapter 13 and provides tutorial videos of the daily lesson. For additional practice, I have assigned practice modules on Think Central to help scholars develop a deeper understanding for Chapter 13. Please encourage your children to use the program to prepare for assessments. Please contact me with any questions or concerns at morales.zervos@archimedean.org.

Notes

Scholars **MUST** prove and show all their work. If additional space is needed, please feel free to attach lined paper. Failure to show your work will result in a lower grade.

I-Ready – No i-Ready lessons this week

Monday March 2nd – Chapter 13 Extra Practice (2 page)

Tuesday March 3rd – No Homework

Wednesday March 4th – Spring Break Assignment available on Archie

Thursday March 5th – **Spring Break Assignment due Monday 3/16**

Friday March 6th – **Spring Break Assignment graded on accuracy; worth a Quiz grade.**

Parents please initial below each day acknowledging your child has completed the assigned homework. **Homework will be checked daily in class. Completed homework packets are due on Tuesday March 3rd 2020 for a grade.**

<u>Monday</u> March 24 th	<u>Tuesday</u> March 25 th	<u>Wednesday</u> March 26 th	<u>Thursday</u> March 27 th	<u>Friday</u> March 28 th

Name _____

Chapter 13 Extra Practice

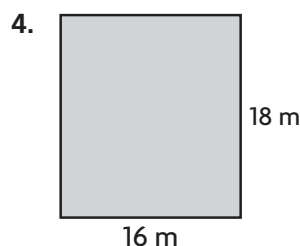
Lesson 13.1

Find the perimeter of the rectangle or square.



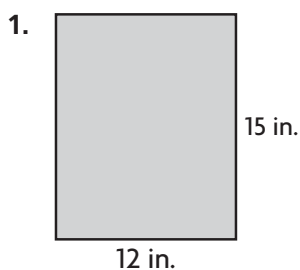
2. Maria's garden has a length of 17 feet and a width of 7 feet. How much total fencing does she need for her garden?

3. Mia wants to put a lace border around her notebook. The length of the notebook is 19 inches and the width is 13 inches. How much lace does she need for her notebook?



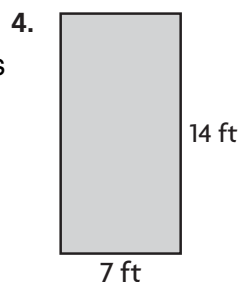
Lesson 13.2

Find the area of the rectangle or square.



2. Michael is painting a wall blue that has a length of 18 feet and a width of 13 feet. How much paint does he need to cover the wall?

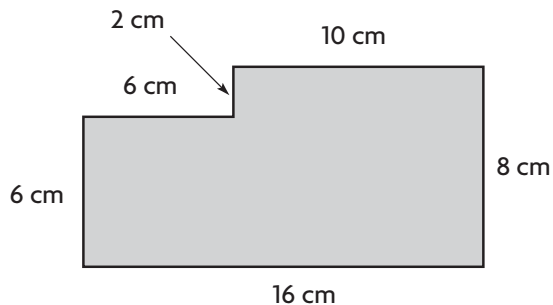
3. Paul is tiling the kitchen floor. The length of the kitchen is 8 feet and the width is two times the length. How much tile does Paul need to cover the kitchen floor?



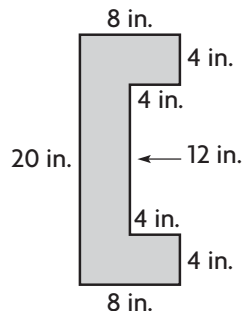
Lesson 13.3

Find the area of the combined rectangles.

1.



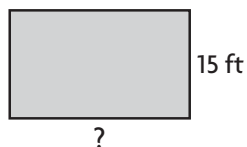
2.



Lesson 13.4

Find the unknown measure of the rectangle.

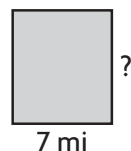
1.



Perimeter = 80 feet

base = _____

2.



Area = 126 square miles

height = _____

Lesson 13.5

Solve.

- Jeanette is painting a rectangular wall that is 10 feet long and 8 feet tall. There is a window that is 5 feet wide and 3 feet tall on the wall. What is the area of the wall that Jeannette will paint?

- Rob has a combined flower and vegetable garden that is 9 meters long and 11 meters wide. The flower garden is in the center and is a square with sides of 3 meters. How many square meters of the garden is used for vegetables?



CLASSWORK Build A House



A project in perimeter and area

Directions: You will become an architect for this project and design your dream house. You will find the perimeter and area of each room of your house, so the builder knows how much material they will need to get for the build. Of course, there are some rules to your design.

Checklist:

1. You MUST include at least seven rooms in your house. You need:

- 1 bathroom_____
- 1 kitchen_____
- 1 Master bedroom_____
- 1 bedroom
- 1 living room_____
- 2 other rooms (of your choice)_____

Other rooms may include: office, sunroom, laundry room, dining room, game room, etc

You may have other rooms, but you need to make sure your house has AT LEAST these seven rooms!

2. You must find the area and perimeter of ALL rooms in your home so the builder will know how much material he needs! You will need a FINAL perimeter and area of the entire house. You must add all perimeters and areas together to get a total for each.

- Perimeter_____
- Area_____
- Total perimeter_____
- Total area_____

3. You must draw the design on a piece of graph paper and it must be neat. You must use a ruler to draw your lines. If you make a mistake, you may use a new sheet of paper.

- Draw each room_____
- Label each room by writing
- Count the number of squares (each square is one foot) for each side of each room_____
- Write the number of squares on your design_____

4. You must write the formula and solve it on a separate sheet of paper for each perimeter and area of each room. This paper is to be neat and organized (numbers should not be scrunched up together.)

- For each room, include the name of the room, the formula, and the answer.

Example: **Bathroom** $p = s + s + s + s$

$$p = 10 + 10 + 6 + 6$$

$$p = 32 \text{ ft}$$

Bathroom $a = l \times w$

$$a = 10 \times 6$$

$$a = 60 \text{ sq. ft.}$$

Rubric:

Neatness: (25 pts) _____

Creativity: (10 pts) _____

Correct Formulas: (30 pts) _____

Labeled Correctly: (10 pts) _____

Followed Directions: (25 pts) _____

Total: _____

Part 2: Floors

Now that you have finished designing your house, you will need to choose materials for the floors in your home (you can't just leave them bare!). You will be given different ads for stores that sell materials. Here's what you will do.

1. You will use the **area of each room** to find out how much money it will cost you to put floors in your home. _____
2. You will need to decide which type of flooring would be good for each room. For example, you do not want carpet in your kitchen or bathrooms because they will get wet or food will be spilled on them. _____
3. You must **use AT LEAST four different types of flooring** for your house. You may use the same floor in multiple rooms, but need at least four different ones. You may choose from wood floors, carpeting, tile, or laminate flooring. You may also choose the color and texture you want. _____

Directions:

1. Choose the type of flooring you want for a room. Write the name of the room, write down the flooring you are choosing for each room and the price for each room. _____
2. Take the price of the flooring (per square foot) and multiply it by the area of your room. Put the total amount (in dollars) next to each room. _____

Example:

Bathroom



Area of Bathroom: 35 sq. ft.

Price of Tile: \$.79

$35 \times \$0.79 = \27.65

Total: \$27.65

3. You will need to make sure you have a total price for each room. When you are finished, add all of your flooring totals together and get a final cost. _____

Rubric:

Neatness: (25 pts) _____

Creativity: (10 pts) _____

Correct Totals: (20 pts) _____

Labels are correct (10 pts) _____

Used at least four different floors (10 pts) _____

Glued ads in an organized manner and all rooms are complete: (25 pts) _____

Total: _____

CARPET ON SALE!

PLUS!

FREE CARPET PAD**

After Mail-In Rebate 701-1144

**With the purchase of woven back carpet. See store for details. Offer available in-store only. Excludes remnants. Rebate is in form of merchandise credit check.



Shaw FLOORS

Sale 79¢ sq. ft.
Somerville Frieze Carpet
 • Tawny Brown or Cloud Gray 768-1236, 1238
 12" nominal width.



DESIGNER'S IMAGE

Sale \$169 sq. ft.
Tender Touch Plush Carpet
 • Smoked Wood or Hickory Nut 768-5002, 5004
 12" nominal width.



loopTexmills

Sale \$219 sq. ft.
Enchanted Frieze Carpet
 • Feather Gray or Saddle Brown 777-1174, 1176
 12" nominal width.



ORION CARPETS INC.

EVERYDAY LOW PRICE \$4.99
 MAIL-IN REBATE \$4.00
FINAL PRICE 99¢ sq. ft.
Indoor/Outdoor Carpet Tape
 • 1.88" x 75' 709-1069
 Limited to stock on hand. Rebate limit 5 rolls per household. Rebate is in form of merchandise credit check.

Sale 59¢ sq. ft.
Tuscany Level Loop Carpet with Attached Pad
 • Gunmetal, Smoke Gray or Beige 781-2180, 2181, 2196



DESIGNER'S IMAGE

Sale \$129 sq. ft.
Endurance Frieze Carpet with Attached Pad
 • Wildwood or Sesame 778-2000, 2002



loopTexmills

EVERYDAY LOW PRICE \$4.99
 SALE PRICE \$3.99
 MAIL-IN REBATE \$3.00
FINAL PRICE 99¢ each
R2X® Floor Cleaner
 • Hard Surface or Carpet Stain & Soil Remover - 32 oz. 709-2603, 2606
 Limited to stock on hand. Rebate limit 4 bottles total per household. Rebate is in form of merchandise credit check.

Sale \$139 sq. ft.
Momentous Frieze Carpet with Attached Pad
 • Gray Scale or Silver Charm 778-1000, 1002

LARGEST SELECTION OF STOCK VINYL FLOORING! TAKE IT HOME TODAY!



MOHAWK

Sale 79¢ sq. ft.
Force Sheet Vinyl Flooring
 • Five styles 729-1940-1948
 12" nominal width.



IVOC

Sale 99¢ sq. ft.
Impact Sheet Vinyl Flooring
 • Five styles 729-1010-1018
 12" nominal width.



Tarkett

Sale \$139 sq. ft.
Grande Sheet Vinyl Flooring
 • Four styles 729-1482, 1484, 1486, 1488
 12" nominal width.

WATERPROOF!



Congoleum

Sale \$179 sq. ft.
Sold in packages of 15 sq. ft. for \$26.85
Carefree Vinyl Plank Flooring
 • Gray Oak or Cottage 725-6571, 6572

WATERPROOF!



Shaw FLOORS

Sale \$1.99 sq. ft.
Sold in packages of 15.04 sq. ft. for \$29.89
Lansbury Click Vinyl Plank Flooring
 • Warm Beige or Gray Slate 725-6648, 6650

WATERPROOF!



HYDRAFLORES

Sale \$259 sq. ft.
Sold in packages of 20.01 sq. ft. for \$51.79
Innova Luxe Click Vinyl Plank Flooring with Attached Underlayment
 • Andorra Oak or Berkley Oak 725-6644, 6646

Some styles special order at some locations in approximately 2 weeks.

Lowest Prices Every Day & Sales Too!

"Outer order contributes to inner calm." — Gretchen Rubin

MENARDS®

11

NOBODY BEATS OUR SELECTION OF STOCK TILE!



MOHAWK

Sale 99¢ each
12 x 12 Treymore Ceramic Tile
 • Taupe 738-1185

2 x 4 Mosaic.....4.99
 • 12 x 12 sheet 738-1187



Dolce Italia

Sale 1.89 each
6 x 24 Barrel Porcelain Tile
 • Harvest or Vine 738-4200, 4202

8 x 48 Tile.....7.49
 738-4205, 4207



That's Only 92¢ sq. ft. After Sale Price

Sale 1.99 each
18 x 18 Evoke Porcelain Tile
 • Grigio 738-2113



RAGNO USA

Sale \$1.69 sq. ft. After Sale Price

Sale 3.28 each
12 x 24 Mount Claire Porcelain Tile
 • Ember or Ash 738-6268, 6272

2 x 4 Mosaic.....3.99
 • 12 x 12 sheet 738-6269, 6276

Nominal size.