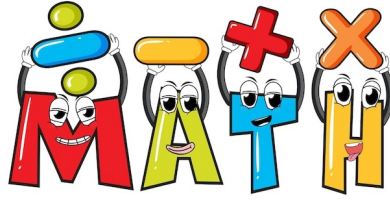


Name: \_\_\_\_\_ Section: \_\_\_\_\_



### Homework

**This week we will start Chapter 14 (Relate Multiplication and Area)**

Complete homework daily based on the schedule provided below. Please do not work ahead on homework assignments. Failure to complete homework will result in points deducted.

**Scholars will complete Chapter 10 test on Tuesday, February 6th.**

**Practice for the test from the Revision Sheet I sent on Friday and from Monday's HW (pages: 493-494)**

### Reminders

Please have your child use Reflex Math to master and reinforce their fact fluency. The 3<sup>rd</sup> Grade curriculum depends on a strong foundation in multiplication and division facts.

### Extra Practice

Additional practice for the daily lesson is available on HMH. To access login in into HMH, go to assigned lessons. There you can find the assigned lessons for extra practice. Scholars can also review daily lesson on Archimedean Cinemath, under section 3A for all sections.

### Notes:

**You can find all IXL lessons assigned (From your teacher)**

Please feel free to contact me with any questions or concerns at [diana.charaf@archimedean.org](mailto:diana.charaf@archimedean.org).

**Monday, February 5th**

– pages: 493-494

**Tuesday, February 6th**

– Lessons **MM1** and **MM2** on IXL

**Wednesday, February 7th**

– Lessons **MM4** and **MM7** on IXL

**Thursday, February 8th**

\_ Lessons **MM3** and **MM5** on IXL

**Friday, February 9th**

\_Lessons **MM8** and **MM11** on IXL

## Solve Two-Step Division Problems

**Go Online**

Interactive Examples

**Solve the problem.**

1. Jack has 3 boxes of pencils with the same number of pencils in each box. His mother gives him 4 more pencils. Now Jack has 28 pencils. How many pencils are in each box?

**Think:** I can start with 28 counters and act out the problem.

2. Li writes 9 poems and then 9 more. She gives 6 poems to each of her sisters and has none left. How many sisters does she have?
3. Ricardo has 2 cases of video games with the same number of games in each case. He gives 4 games to his brother. Ricardo has 10 games left. How many video games were in each case?
4. Haua has \$50 to spend on gifts for her friends. Her mother gives her \$5 more. If each gift costs \$5, how many gifts can she buy?
5. Joe has a collection of 35 paintings. He received 8 of them as gifts. Joe bought the rest over 3 years. If he bought the same number of paintings each year, how many paintings did Joe buy last year?
6. **WRITE** *Math* Write a division word problem and explain how to solve it by *acting it out*.



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**8 pencils**

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## Lesson Check

7. Gavin saved \$16 to buy packs of baseball cards. His father gives him \$4 more. If each pack of cards costs \$5, how many packs can Gavin buy?
8. Chelsea buys 8 packs of markers. Each pack contains the same number of markers. Chelsea gives 10 markers to her brother. Then, she has 86 markers left. How many markers were in each pack?

## Spiral Review

9. Each foot has 5 toes. How many toes do 6 feet have?
10. Each month for 5 months, Sophie makes 2 quilts. How many more quilts does she need to make to have 16 quilts?

11. Meredith practices the piano for 3 hours each week. How many hours will she practice in 8 weeks?
12. Find the unknown factor.

$$9 \times \square = 36$$

# Area of rectangles

## What is area?

Area is the amount of space taken up by a two-dimensional shape. You can measure the area of a shape by counting how many **unit squares** fit within it. A unit square has an area of one square unit.

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

This rectangle is covered by 15 unit squares.

So, the area of the rectangle is 15 square units.

## Finding area by multiplying

You can also find the area of a rectangle by multiplying.

3 rows	1	2	3	4	5

Each row has 5 unit squares. There are 3 rows of unit squares.

So, you can multiply  $5 \times 3$  to find the area of the rectangle.

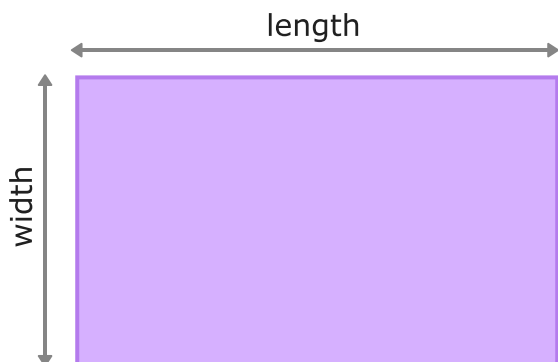
$$5 \times 3 = 15$$

The area of the rectangle is 15 square units.

## Area formula

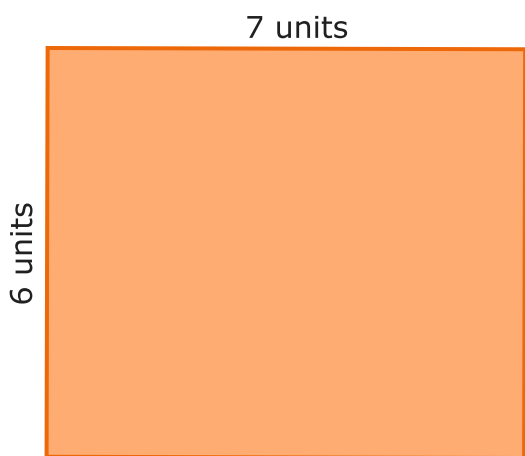
You can find the area of any rectangle by multiplying the length times the width.

$$\text{Area} = \text{length} \times \text{width}$$



Let's try it!

The length of this rectangle is 7 units. The width of this rectangle is 6 units.



Multiply the length by the width.

$$7 \times 6 = 42$$

So, the area of the rectangle is 42 square units.