



Classwork 3-23-20

Area of Triangles

Today we will watch a video that will review area for you and also introduce you to finding the area of triangles.



Good morning and hello Third Graders from Mrs. Cronin!
Today is Monday 3/23/2020

Where To Find Your Work: <https://lynncronin.weebly.com/> 3-23 Area of Triangles it will show you how to work in Quizlet and give you a link to today's lesson.

Learning Objectives: Today we are reviewing Area and Perimeter and also learning how to find the area of a triangle. By the end you should have a good idea of how to find the area of a triangle.

Learning Activities: Please work through the PowerPoint and that's all for today!

How I will see/check your work: Email me!!

How We Communicate: email lcronin@wtps.org

3.OA.A.1, 3.OA.C.7, 3.OA.D.9 , 3.MD.C.5.b , 3.MD.C.6, 3.MD.C.7.b, 3.MD.C.7.d

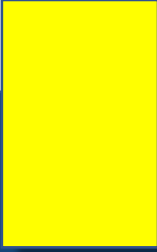


Hi guys!
Are we getting used to this yet?

I have a deal for you!

I want to add some multiplication facts.
Just like we used to do every day.

So I set up a Quizlet file with this
week's multiplication facts.



Once you login to Quizlet it will always open
with you logged in already so...

Go to:
[Quizlet.com](https://www.quizlet.com)
press Log in
and enter this User name and Password

CroninMathClass
wwstudent

This week you will work on the file called Multiplication Squares



Friday will be quiz day on Quizlet!

If you have completed your work for the week

your Friday schedule will be this:

Complete 10 minutes of First in Math

Complete the Quizlet learn section

and

email me a screen capture of your scores!

But that's not til Friday!

A screen capture is a picture of your computer screen.

Here is how you take a screenshot:

Open Quizlet

Click on Learn

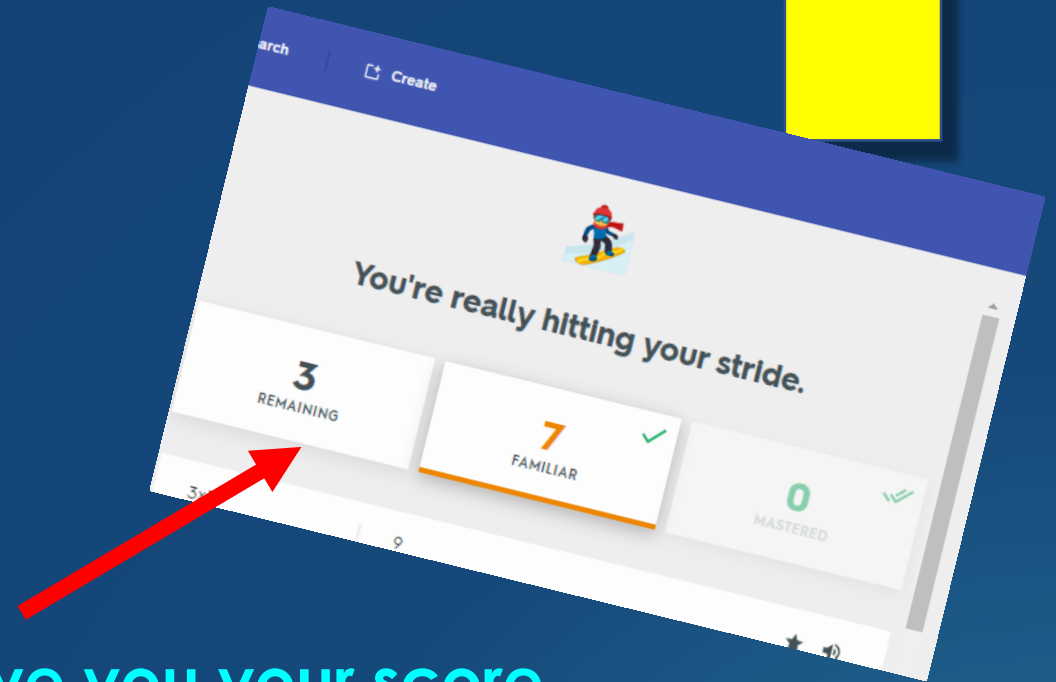
Take the quiz

When you get to the last screen it will give you your score.

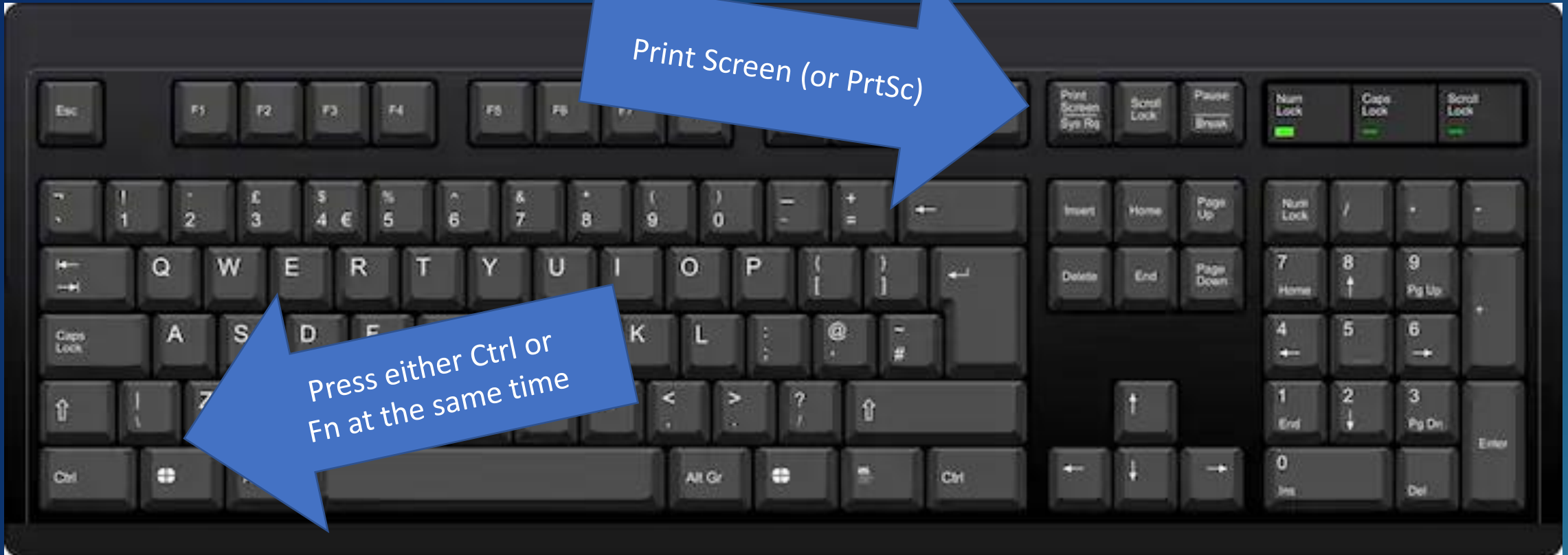
On your computer keyboard:

touch Ctrl and Prt Sc (or Fn and Prt Sc)

Then go to your email and paste the picture into the email.



I know – you don't know where they are:



You might have to play with it a little – but now that you know its there you should be able to find it.



Lets get to work!



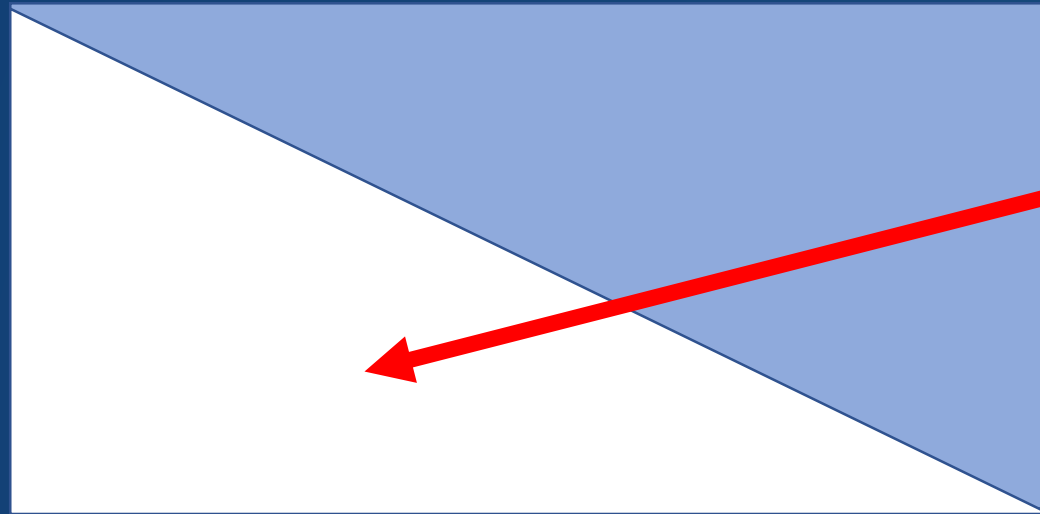
Hi guys!

Today we are going to figure out how
to find the area of a triangle.

Its not as hard as you think – trust me!
It is seriously easier than odd shapes!

Finding the area of a triangle

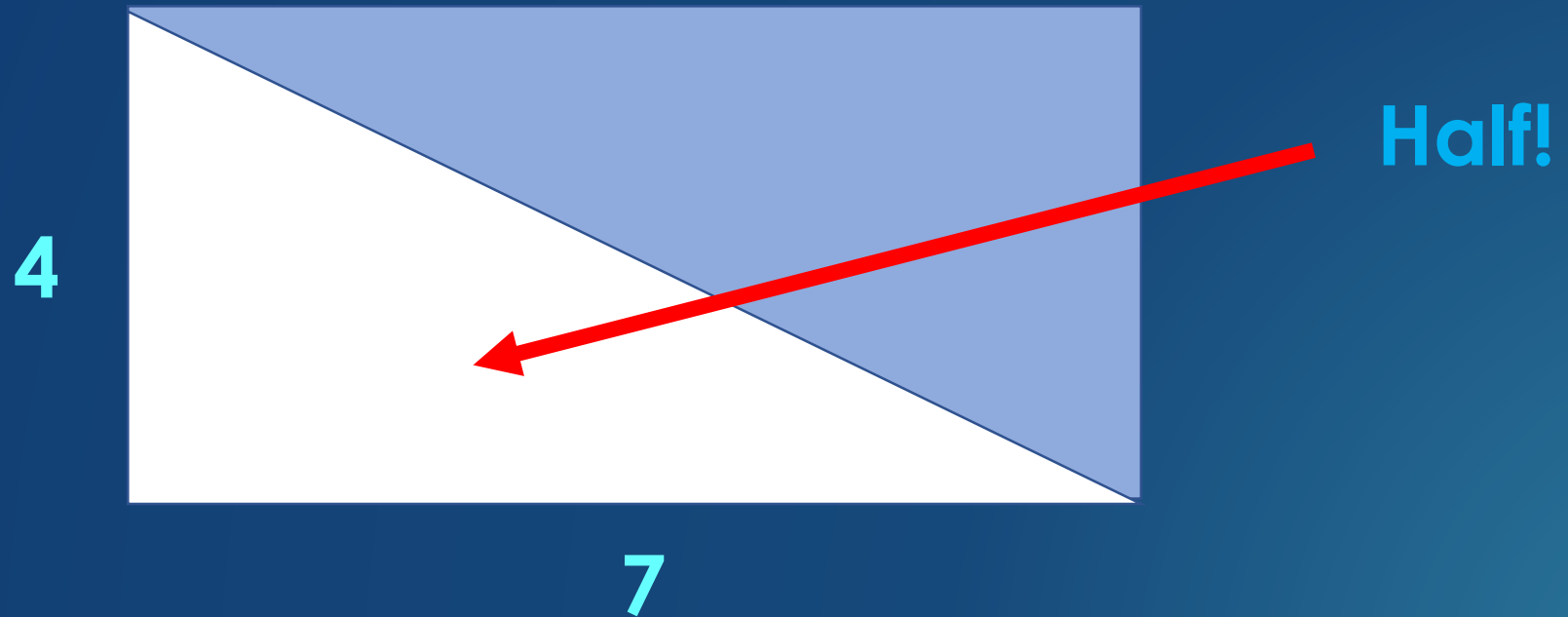
A triangle is really only half of a rectangle!



Half!

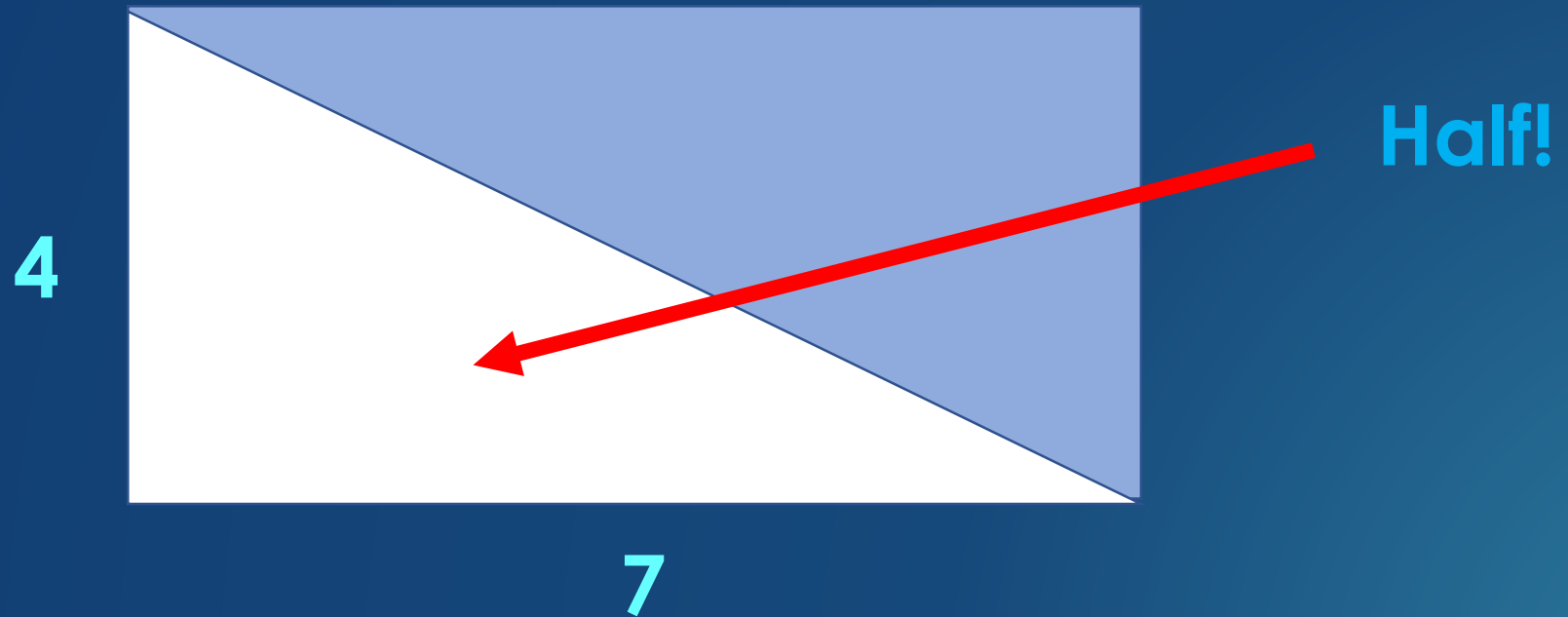
Finding the area of a triangle

So if the rectangle is 4 in. by 7in.



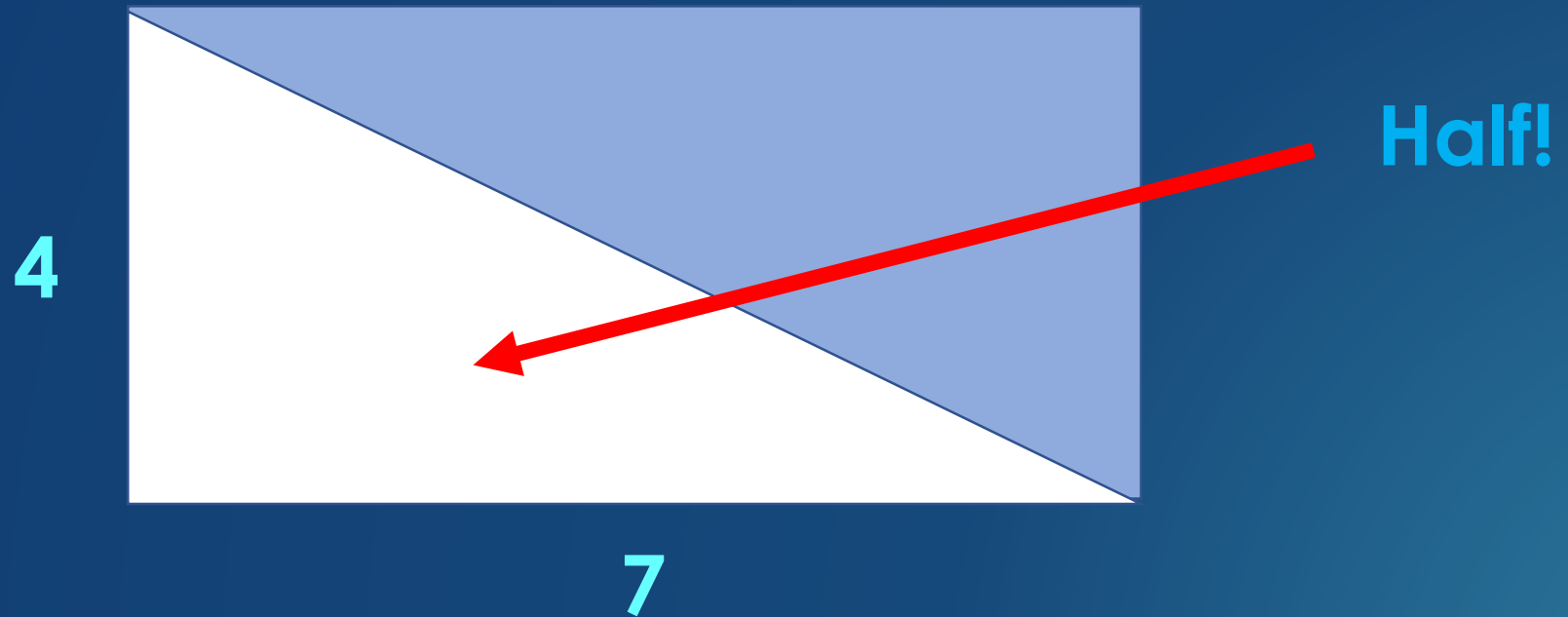
Finding the area of a triangle

Then the area is half of 7×4 – right?



Finding the area of a triangle

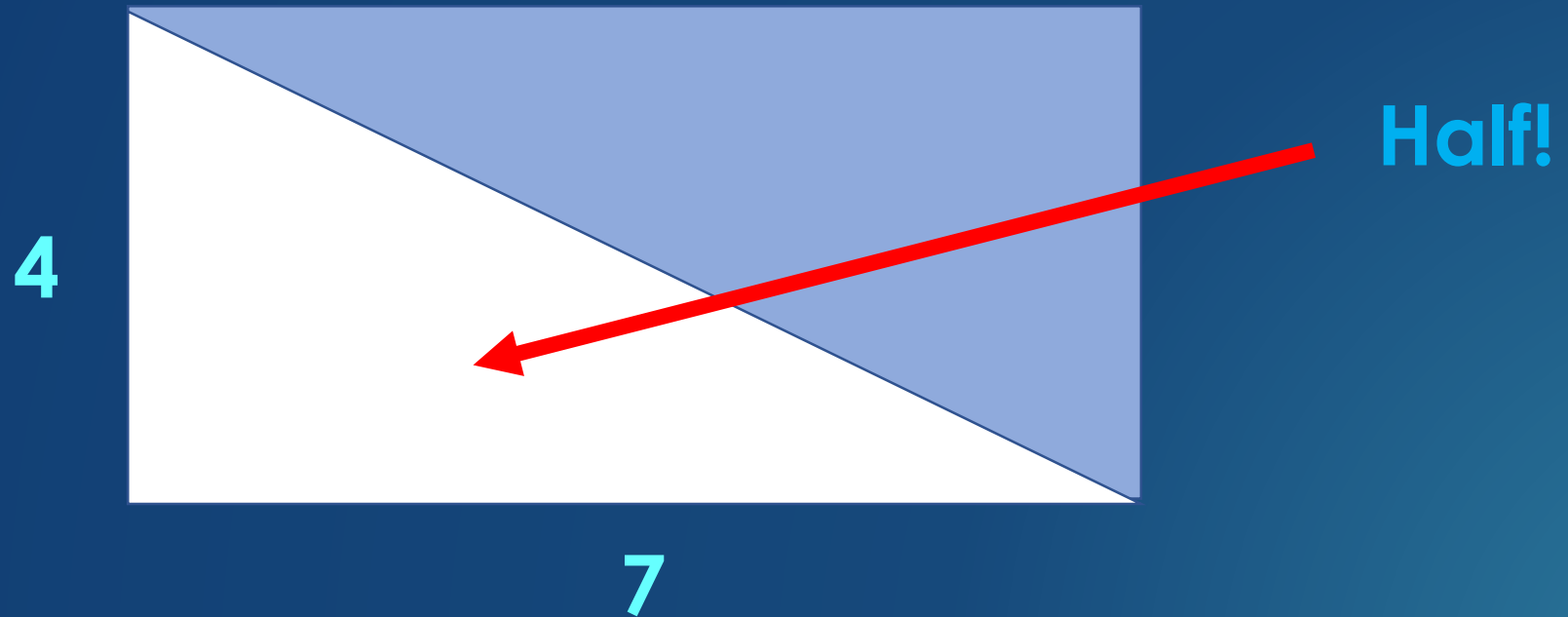
The area of the **RECTANGLE** is $7 \times 4 = 28 \text{ in.}^2$ – right?



Finding the area of a triangle

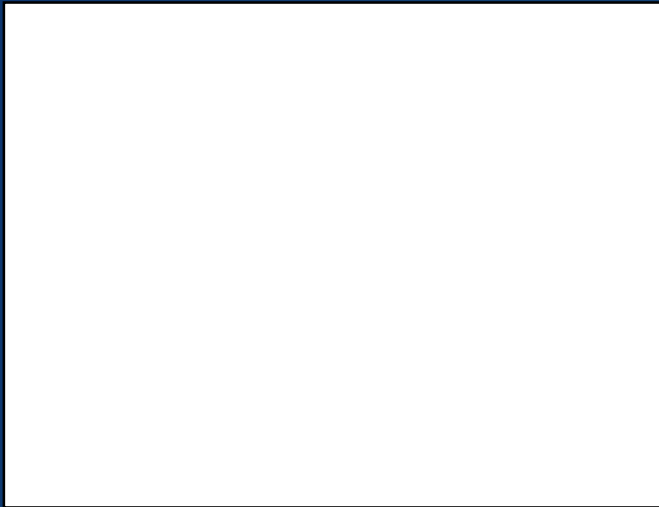
The area of the **RECTANGLE** is $7 \times 4 = 28 \text{ in.}^2$

So the area of the **triangle** (which is half) is $28 \div 2 = 14 \text{ in.}^2$



What is the area of this rectangle?

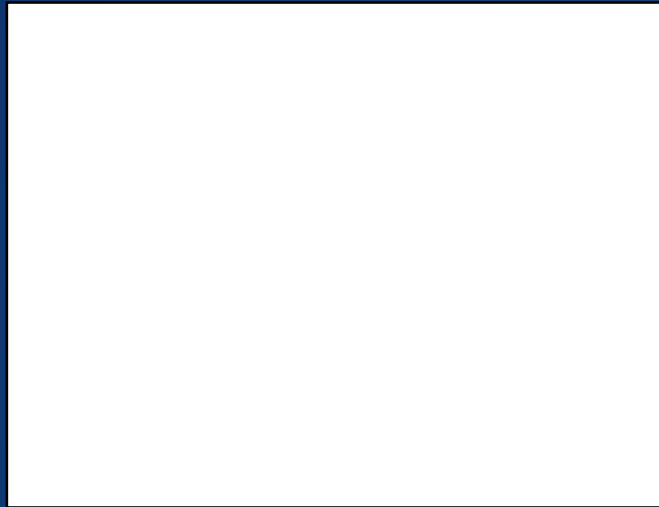
4 in.



5 in.

I knew you could do it!

4 in.



5 in.

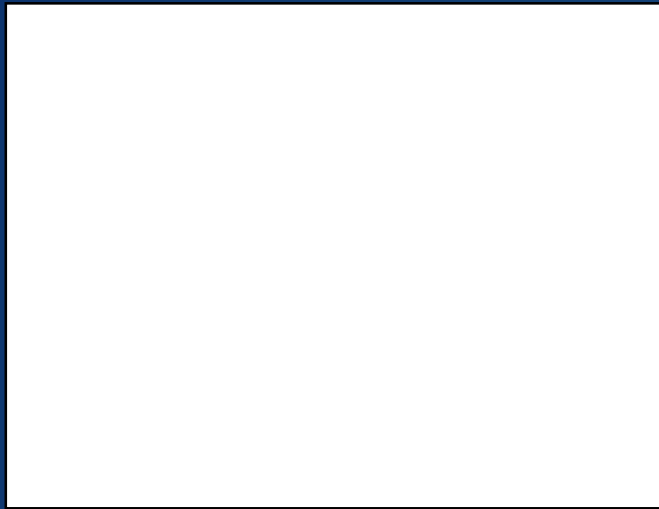
$$a = l \times w$$

$$a = 4 \times 5$$

$$a = 20 \text{ in.}^2$$

So what is the area of the white triangle?

4 in.



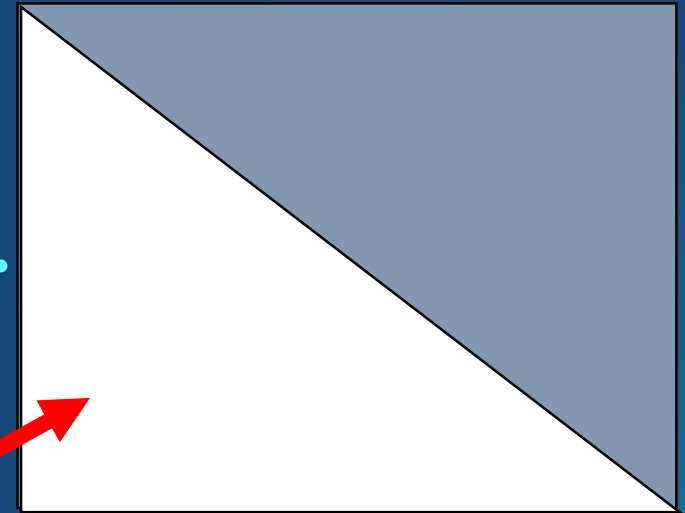
5 in.

$$a = l \times w$$

$$a = 4 \times 5$$

$$a = 20 \text{ in.}^2$$

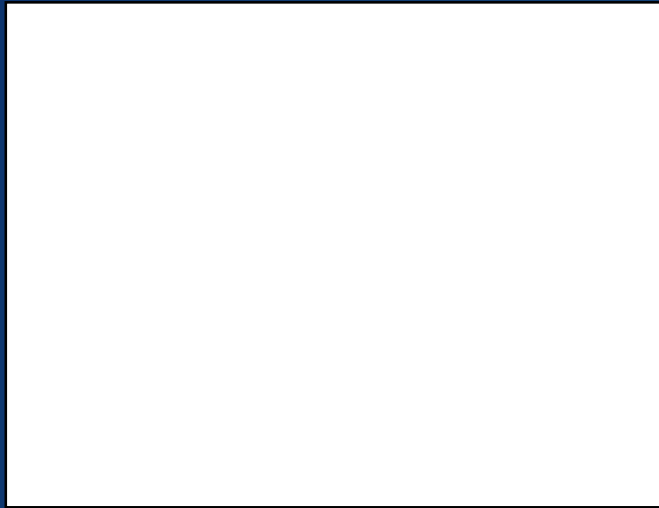
4 in.



5 in.

So what is the area of the white triangle?

4 in.



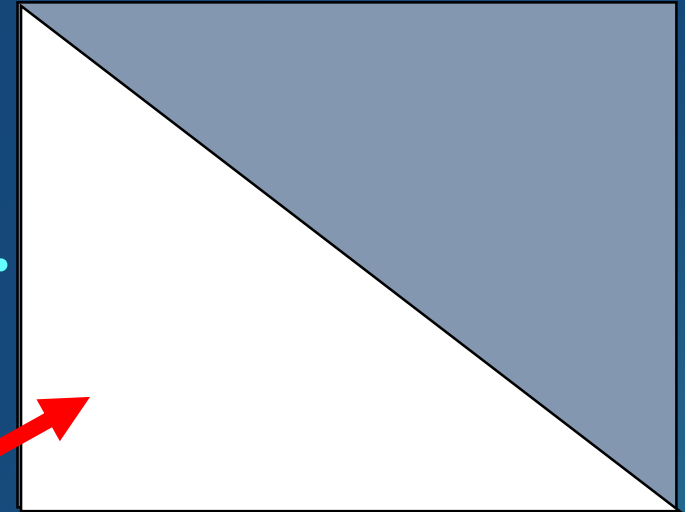
5 in.

$$a = l \times w$$

$$a = 4 \times 5$$

$$a = 20 \text{ in.}^2$$

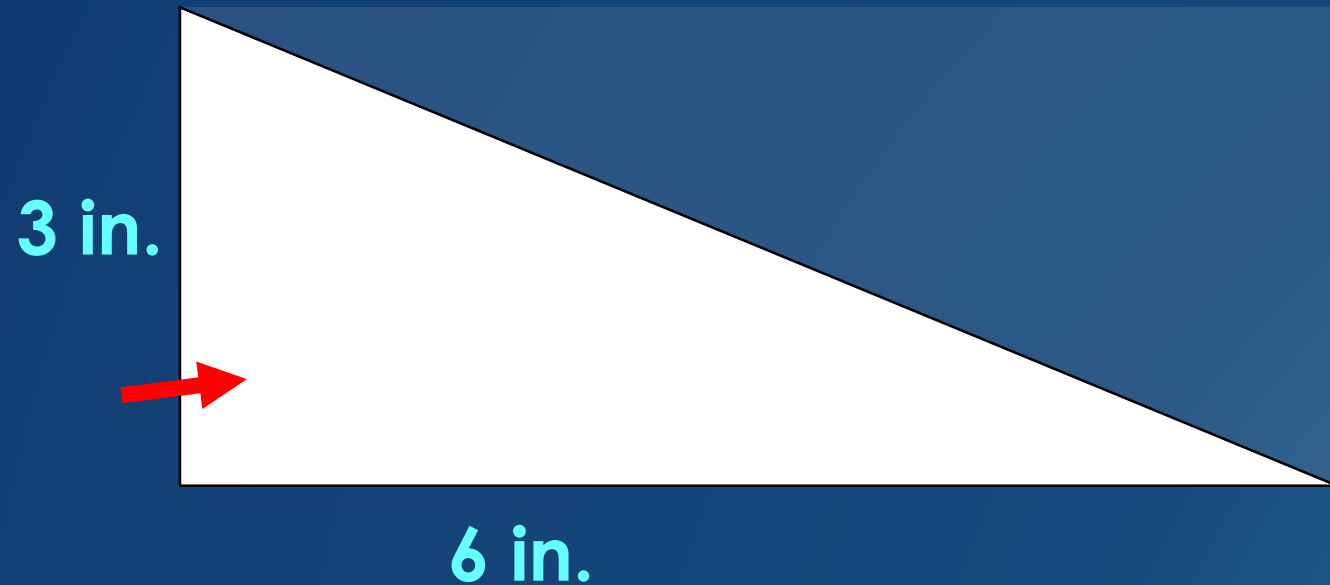
4 in.



5 in.

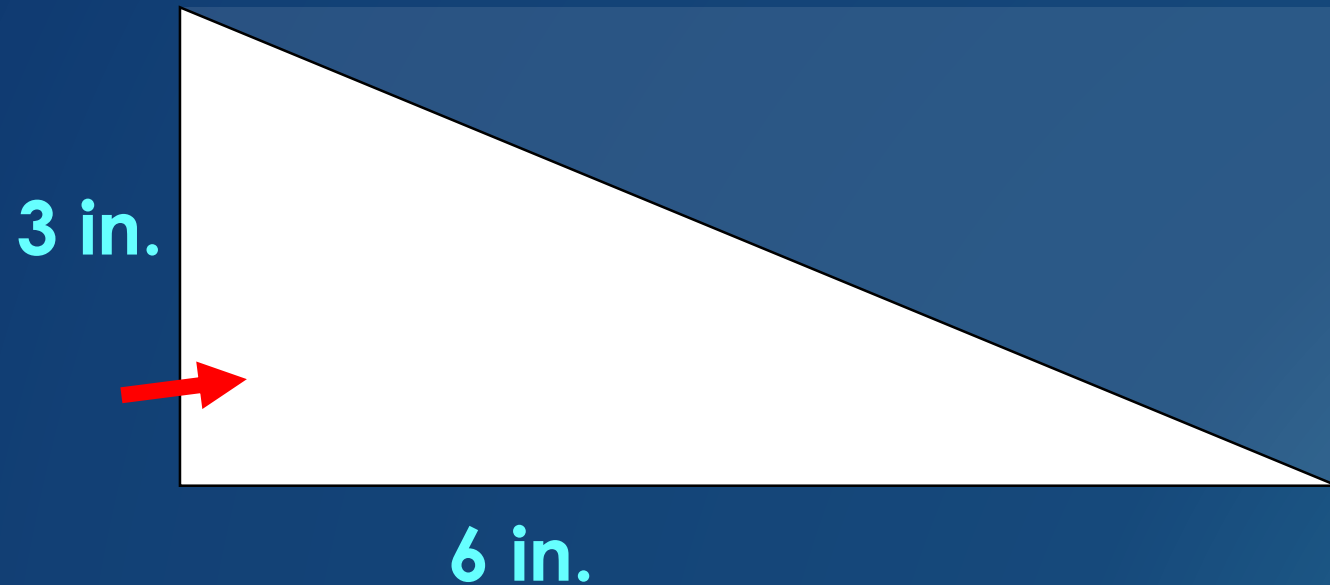
You are too smart! Its half of 20 – so it is 10 in²

Lets try another one
What is the area of this triangle?



First lets figure out the area of the rectangle
figure that out then turn the page.

The rectangle's area is $3 \times 6 = 18 \text{ in.}^2$



First lets figure out the area of the rectangle
figure that out then turn the page.

Since the triangle is half of 18 in.²
What is the area of the triangle?

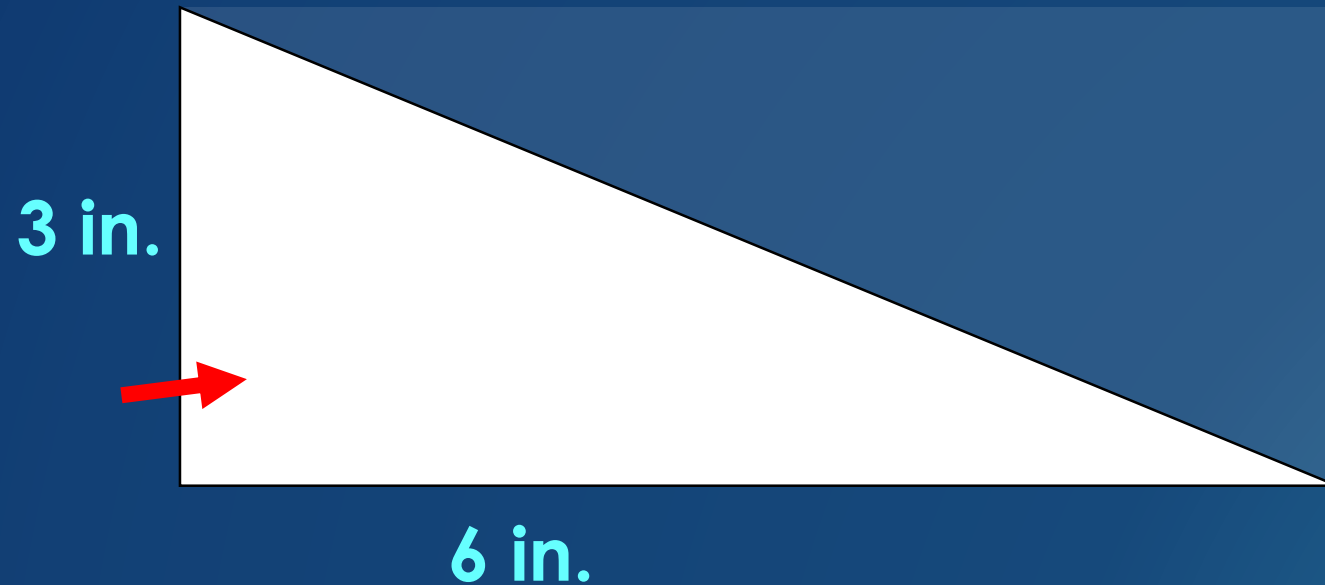
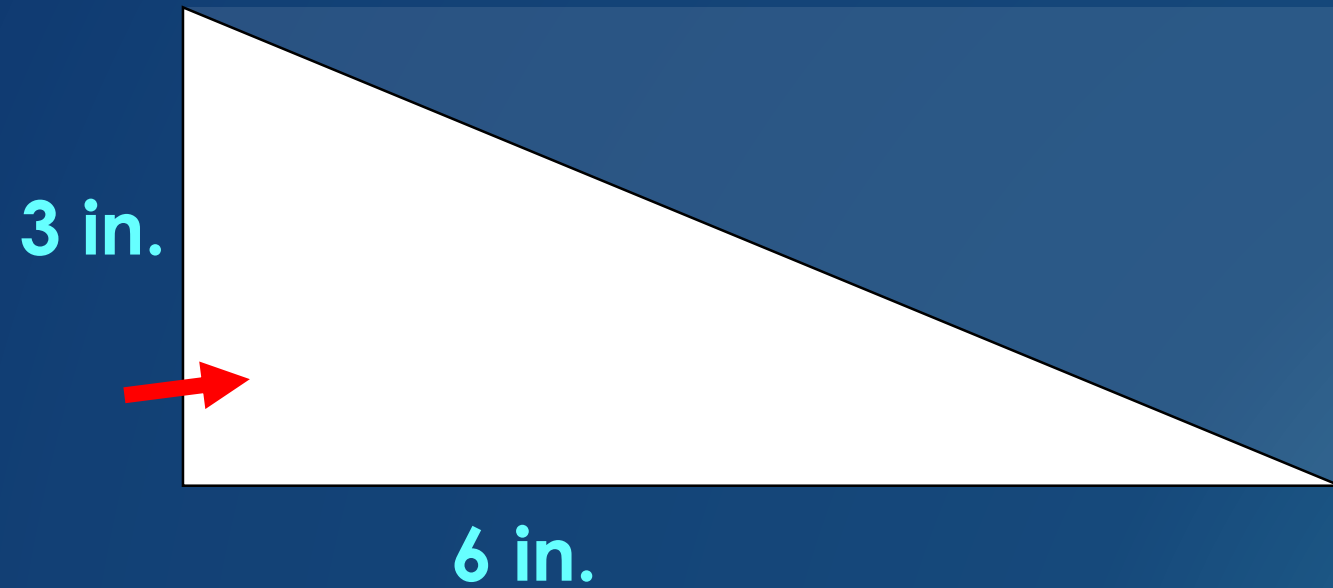


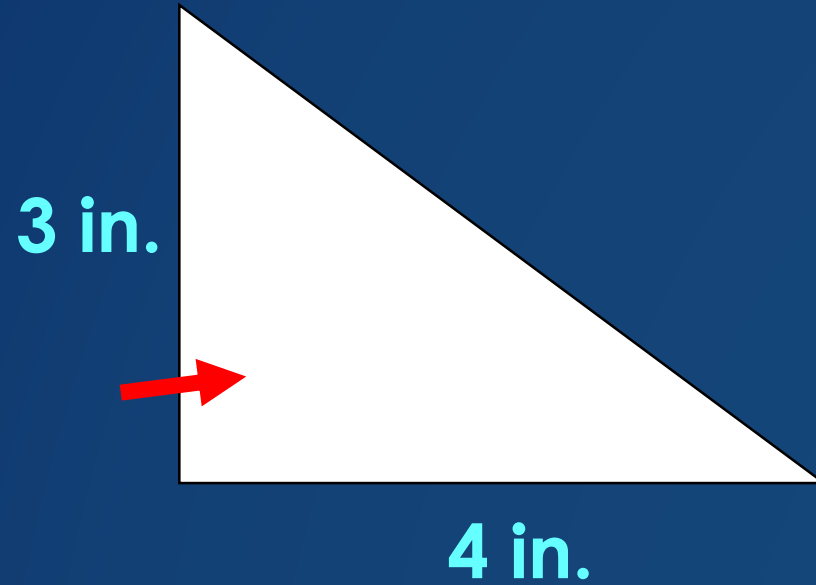
Figure out the area of the triangle - then turn the page.

$$18 \div 2 = 9 \text{ in.}^2$$



Did you get it?

One more then we will practice tomorrow.



1. Figure out how big the rectangle would be.
2. Cut that in half

What is the area of the white triangle?



Email me that answer then
Study on Quizlet for 10 minutes.

lcronin@wtps.org

And I will see you tomorrow!



Go outside and get some sun!