Math Virtual Learning

6th Grade Math

Find the area of parallelograms and triangles.

April 22, 2020

6th Grade Math
Lesson: April 22, 2020

Objective/Learning Target:

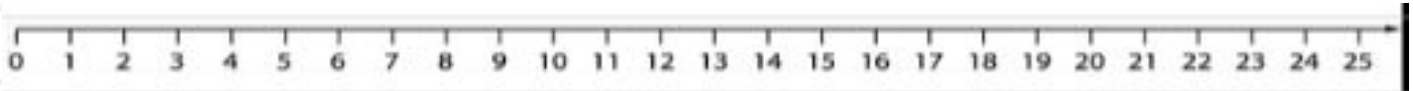
Students will find the area of parallelograms and triangles.

Daily Warm Up

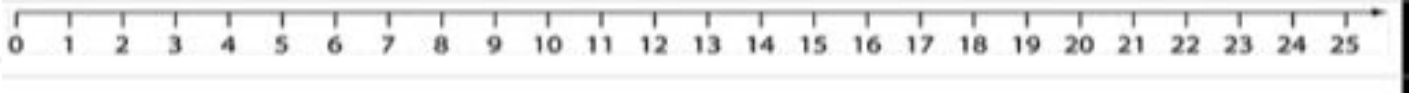
Look at the inequality and graph each one.

Copy the graphs from your work on the slides

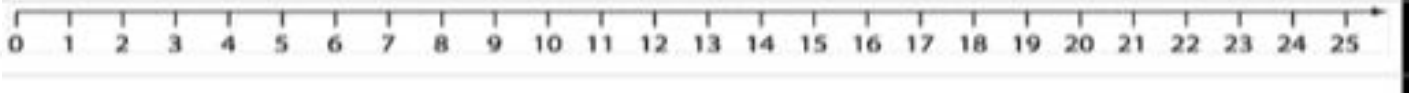
$x > 6$



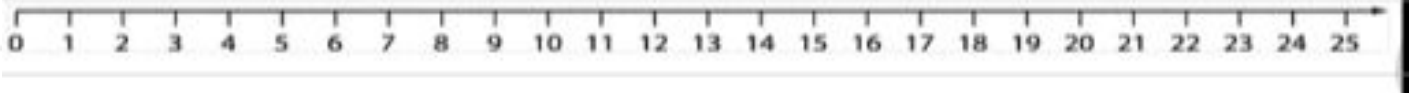
$r \geq 8$



$m < 22$



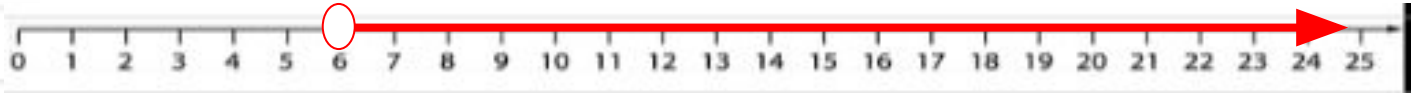
$q \leq 13$



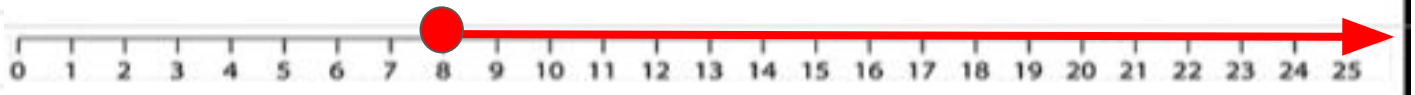
Daily Warm Up Answers

Copy the graphs from your work on the slides

$x > 6$

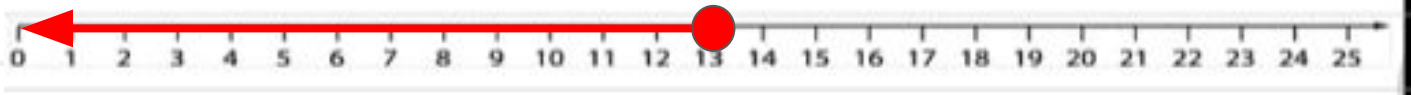


$r \geq 8$



$m < 22$

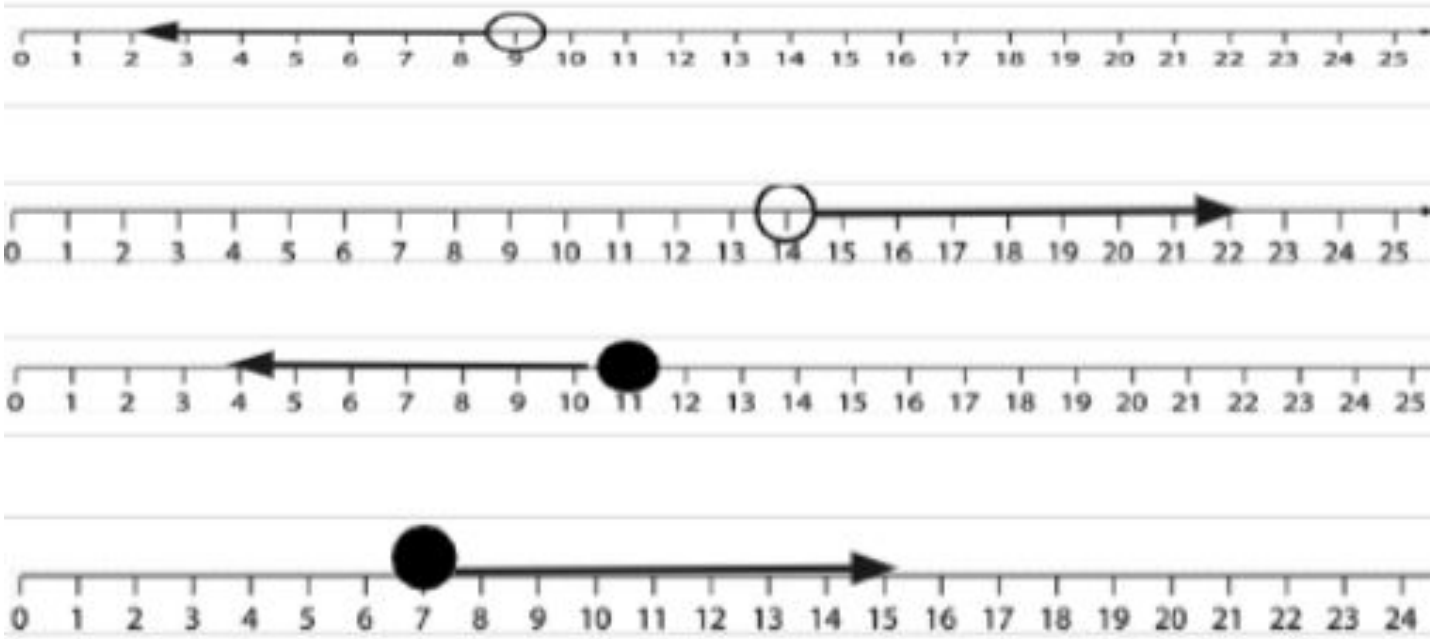
$q \leq 13$



Daily Warm Up

Look at the graph and write the inequality for each.

Inequalities:



Daily Warm Up Answers

Look at the graph and write the inequality for each.

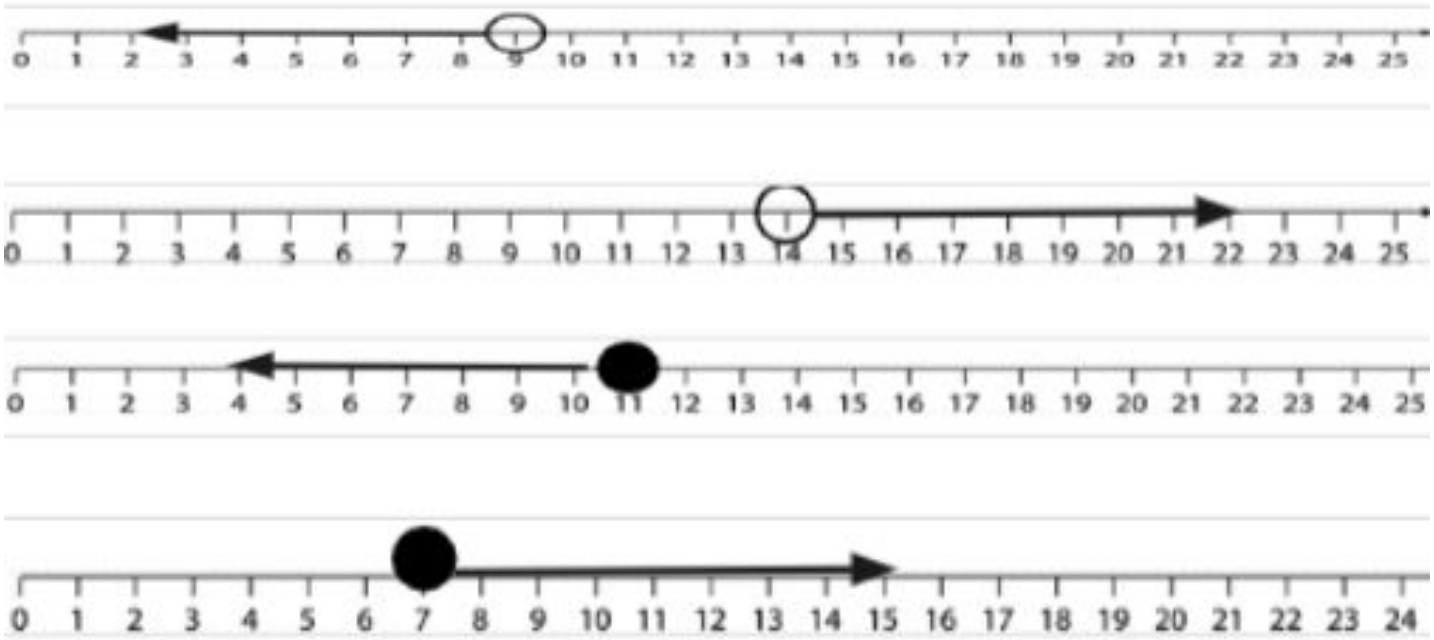
Inequalities:

X < 9

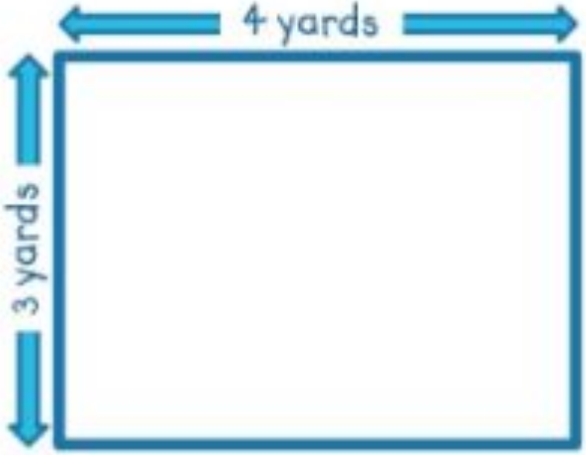
X > 14

X ≤ 11

X ≥ 7



Important Reminders!

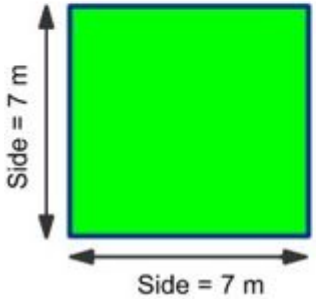


$A = l \times w$

Area of Square

The area of a Square equals any of its two sides multiplied together.

$A = s \times s$



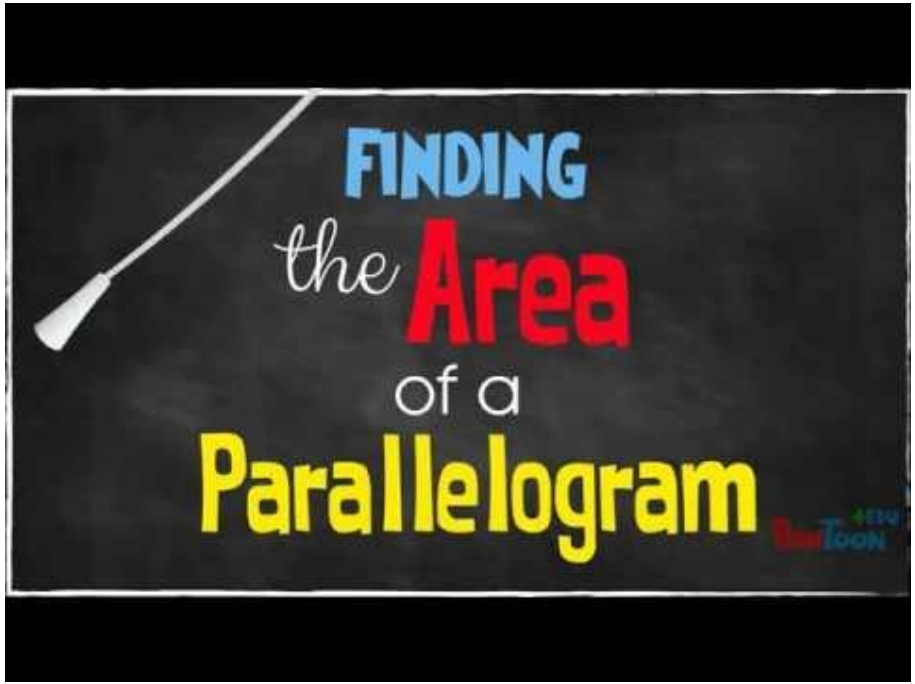
$A = s \times s$

$A = 7 \times 7$

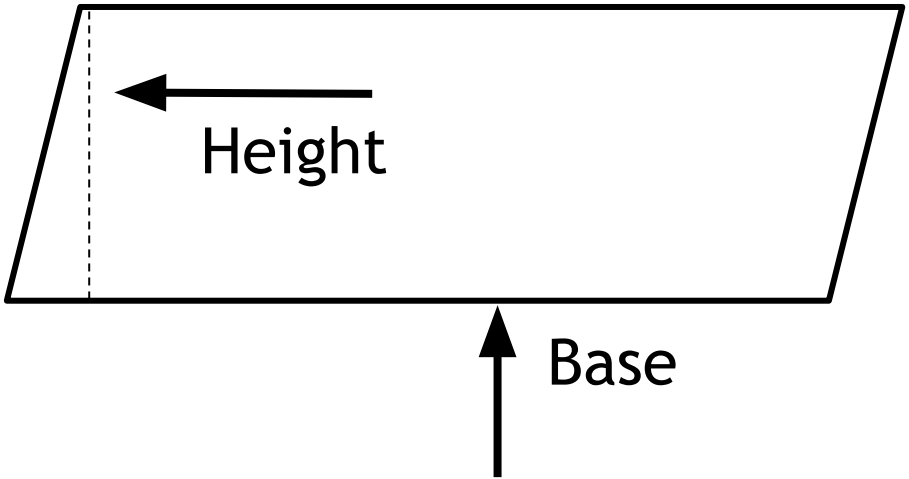
$A = 49\ cm^2$

Lesson

Click to watch the video.

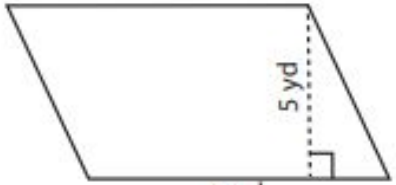


Formula for the area of a parallelogram:
Base x Height
(B x H)



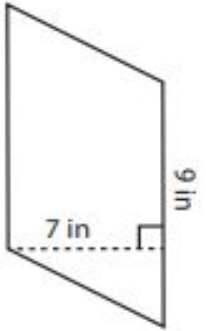
Practice

Area = _____

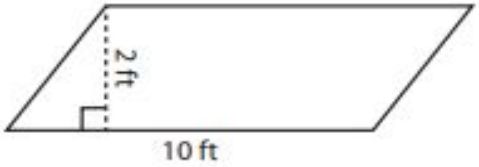


Area = _____

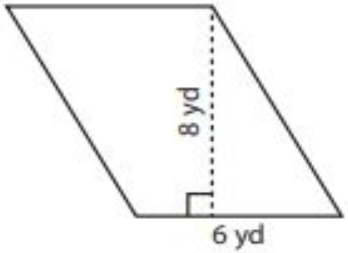
Area = _____



Area = _____

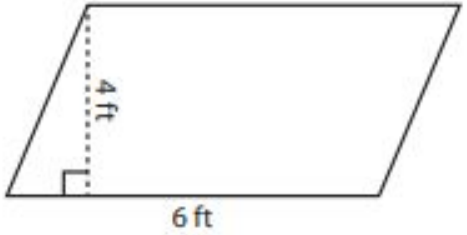


Area = _____

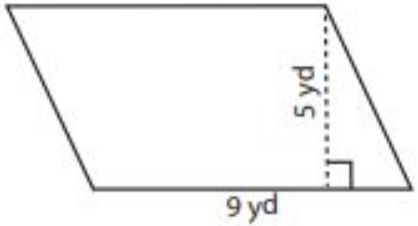


Area = _____

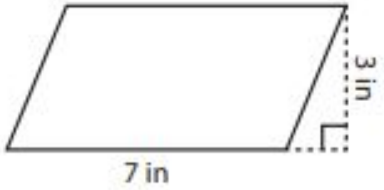
Practice Answers



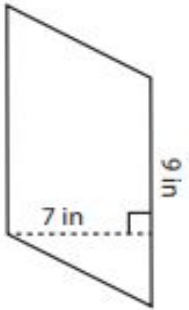
Area = **24 ft²**



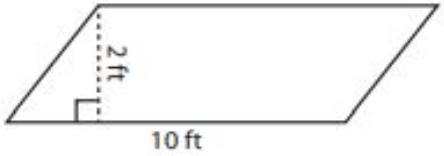
Area = **45 yd²**



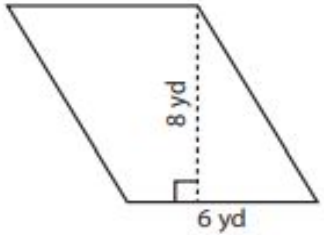
Area = **21 in²**



Area = **63 in²**



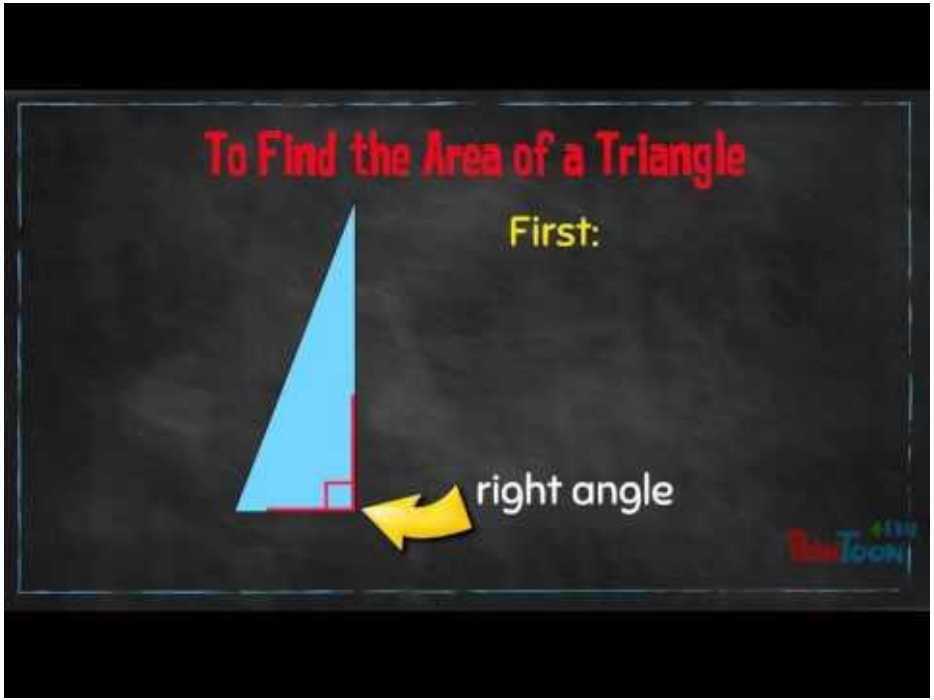
Area = **20 ft²**



Area = **48 yd²**

Lesson

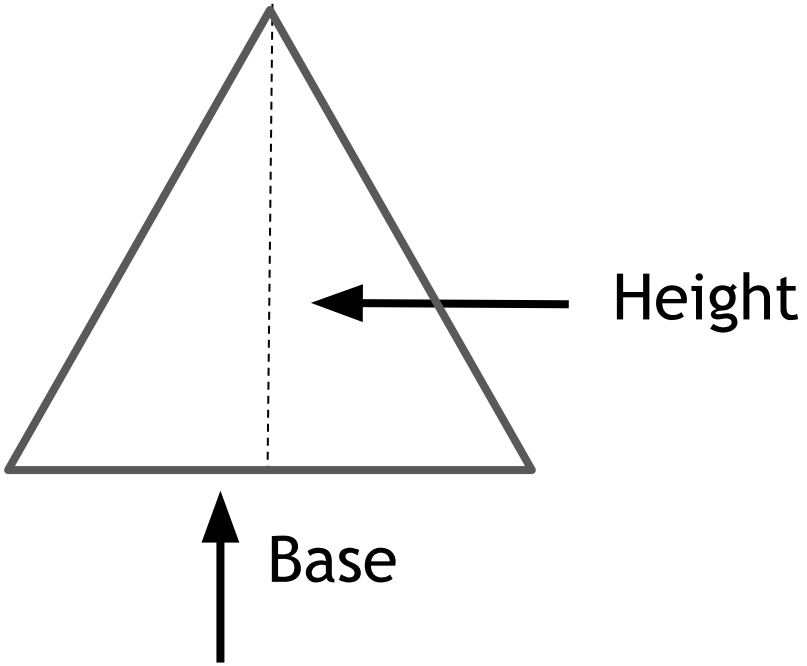
Click to watch the video.



Formula for the area of a triangle:

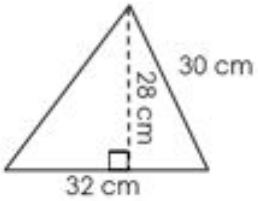
½ Base x Height

½ (B x H)



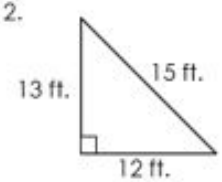
Practice

1.



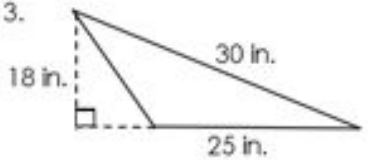
Area = _____

2.



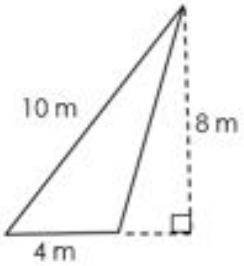
Area = _____

3.



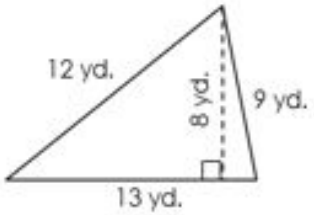
Area = _____

4.



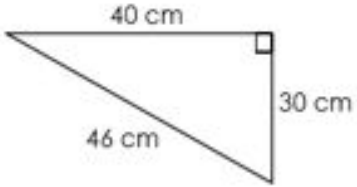
Area = _____

5.



Area = _____

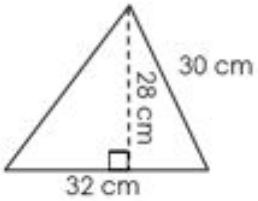
6.



Area = _____

Practice Answers

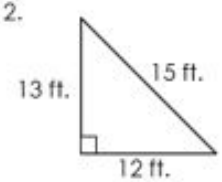
1.



448 sq cm

Area = _____

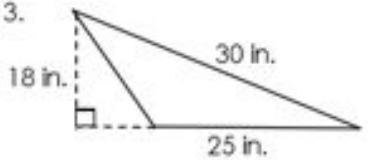
2.



78 sq ft

Area = _____

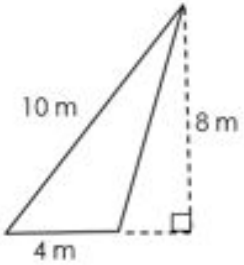
3.



225 sq in

Area = _____

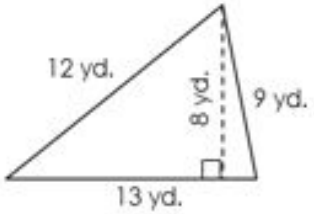
4.



16 sq m

Area = _____

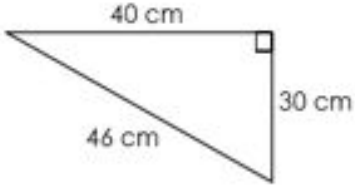
5.



52 sq yds

Area = _____

6.



600 sq cm

Area = _____

Lesson

Finding the area of parallelograms and triangles:

Khan Academy

Khan Academy Video 2 Triangles

Additional Practice:

Click on the links below to get additional practice and to check your understanding!

Practice:

Area of Parallelograms & Triangles

Area of Parallelograms

Area of Triangles

Summary/Reflection:

What did I accomplish today?