6th Grade
May 11, 2021

Today we will:

-Check yesterday's WS
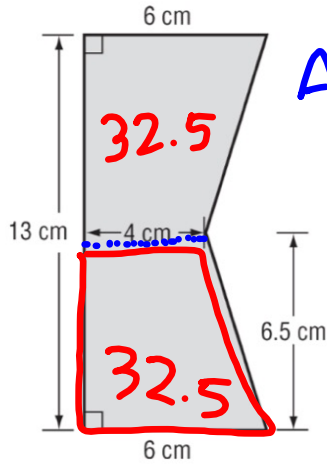
-Work on study guide

-Study for test

HOMEWORK:

Study for test TOMORROW
(no binder check)

ALEKS time and topics
due Monday at 11:59PM

Find the area of each figure. Round to the nearest tenth if necessary.
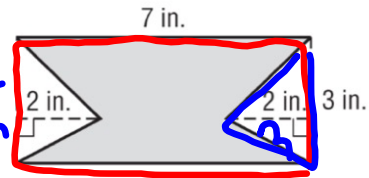
6 cm

32.5

13 cm ← 4 cm →

6.5 cm

32.5

6 cm

$A_{\square} = (b_1 + b_2) \times h \div 2$

$= (4+6) \times 6.5 \div 2$

$= 32.5$

$A_{\square} = 32.5$

7 in.

2 in. 2 in. 3 in.

$A_{\square} = 7 \times 3$
$= 21$

$A_{\triangle} = 3 \times 2 \div 2$
$= 3$
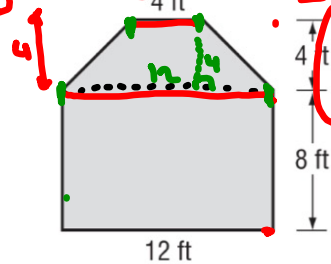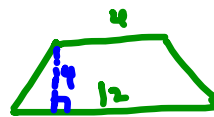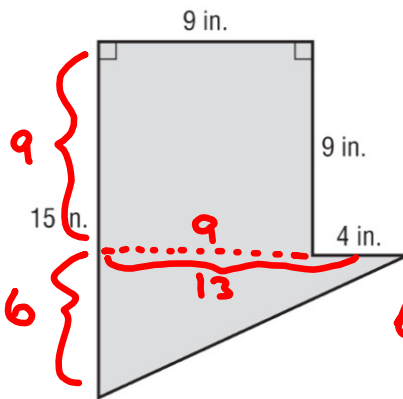
$A_{\triangle} = 3$

$A_{total} = 32.5 + 32.5$

$= 65 \text{ cm}^2$

$A_{\square} - A_{\triangle} - A_{\triangle} = \begin{matrix} 21 \\ -3 \\ -3 \\ \hline 15 \\ in^2 \end{matrix}$

4 ft

4 ft

8 ft

12 ft

$A_{\square} = l \times w = 12 \times 8$
$= 96$

9 in.

9

9 in.

15 in.

9

13

6

4 in.

13

6

$A_{\square} = l \times w = 9 \times 9 = 81$

$A_{\triangleright} = b \times h \div 2$
$= 6 \times 13 \div 2$
$= 39$

$A_{total} = 81 + 39 = 120 \text{ in}^2$

$A_{\square} = (b_1 + b_2) \times h \div 2$
$= (4+12) \times 4 \div 2$
$= 32$

$A_{total} = 96 + 32 = 128 \text{ ft}^2$

Math Chapter 9

TITLE: Area

Date	Lesson	Topic/Assignment
4/29	1	Area of Parallelograms Packet
4/30	2	Area of Triangles Packet
5/3	1-2	Skills and HW Practice WS
5/4	3	Area of Trapezoids Video Notes
5/5	3	Skills WS
5/6	3	In-Class Notes
5/7	3	HW Practice WS
5/7	6	Composite Figures Video Notes
5/7	6	Examples WS #1
5/10	6	Examples WS #2
5/11	6	Reteach WS
5/12	ALL	Study Guide

Welcome to our class

IN THIS CLASSROOM
WE DON'T *give up,*
BUT WE DO
*give our
best effort*

HARD
WORK
PAYS
OFF

WELCOME

6th Grade
Homework

Study for test TOMORROW

ALEKS time and topics due Monday

May 11, 2021

Name _____ Date Due _____
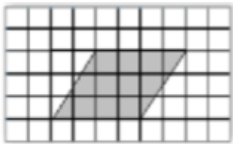6th Grade   MATH STUDY GUIDE   Unit 9 Area
Complete the work inside the boxes under the problem. Circle your answer.
COPY FORMULAS FROM YOUR NOTES. FILL IN THE NUMBERS TO FIND YOUR ANSWER!

Area formula for a parallelogram: A = _____

Area formula for a triangle: A = _____

Area formula for a trapezoid: A = _____

1.
Find the area of the figure in square units.

2.
Find the area of each parallelogram.

13.4 in.
5 in.
6.1 in.

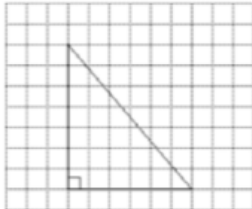3. Find area of each parallelogram.
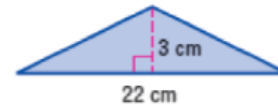34 cm
40 cm
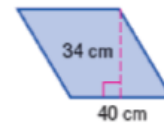
4. Find the area of each triangle.

5. Find the area of each triangle.
37 cm
39 cm

6. Find area of each triangle.
3 cm
22 cm

7 Find the area of each trapezoid.
4 m
8 m
10 m
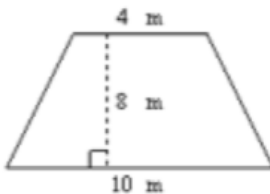
8. Find the area of each trapezoid.
14 mm
10 mm
18 mm
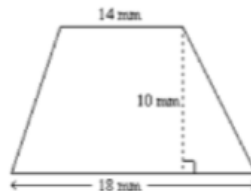
9. Find area of each trapezoid.
14 m
14 m
20 m
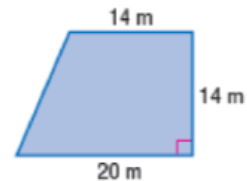
10. Find area of the SHADED region. (Not drawn to scale. Use the dimensions given.)

25.4 ft

18.2 ft

3 ft

8 ft

22.3 ft

11.

13. What is the area of the figure?

2 cm

6 cm

5 cm

4 cm

4 cm