Math test review Unit 3
Have your notebook handy and any handouts from class

*If you choose not to participate, turn volume down until we move to next slide.

I pledge allegiance to the flag of the United States of America, and to the republic for which it stands, one nation under God, indivisible, with liberty and justice for all.

Student Expectations...

Here's what I expect you to do as a part of this class.

When we all do these things we'll have an awesome class!

✓ I will respond when my name is called.

✓ I will respond to polling prompts.

✓ I will ask and answer questions.

✓ I will complete class work, take notes, submit exit tickets.

✓ I will collaborate in groups if placed into breakout rooms.

✓ I will demonstrate respect for my classmates and teachers.

Marking yourself "away" means you are *not* in class and will miss important parts of the lesson.

EVERYONE needs a working mic. Call 1-866-K12-care if it's not working. Let's get it fixed!

Objective

- Students will be able to go through and practice completing problems from Unit 3 lesson 1-9 in preparation for upcoming unit assessment.

END OF FIRST QUARTER!

This test will go on your first quarter be sure to be checking sapphire and getting work complete.

- Your test will be taken in Math class on Tuesday. This gives you a chance to study and ask questions where you are unsure!

What are we going to do?

- I have various problems in each room numbered. Some have more than one problem.

How to move to breakout room:

- In your <u>math notebook</u> you will be writing down and solving the problems.

- You will be working independently and be going through on your own.

- We will go over the answers when the timer goes off.

- Give me a green check when you are finished.

Question 1: Area formula match up
Which formulas work for which shape?

$\dfrac{bh}{2}$ bh s^2 l x w
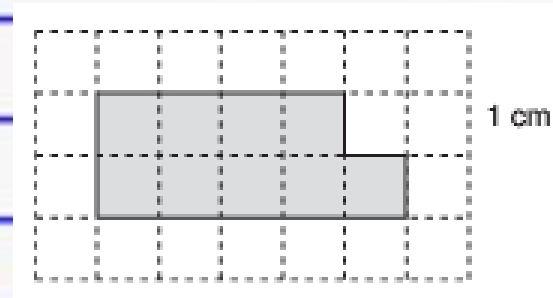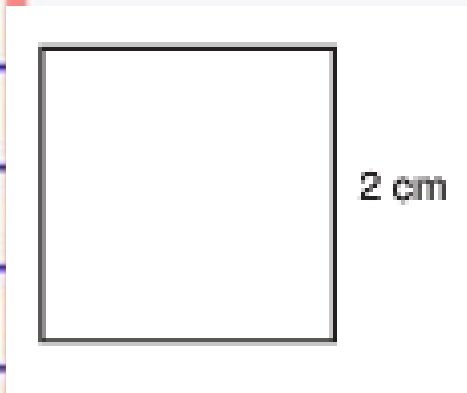
Square   Parallelogram   Triangle   Rectangle

Question 2

- What is the area?

Question 3

Solve:

71 x 6.1   79.2÷9

Question 4

What is the area in **square feet** of a rectangle with a length of 10 yards, and a width of 5 yards?

Common Units of Distance

English Units	Metric Units
1 ft = 12 in.	1 cm = 10 mm
1 yd = 36 in.	1 m = 100 cm
1 yd = 3 ft	1 km = 1000 m
1 mi = 5280 ft	

Question 4: Find the area in cm and mm
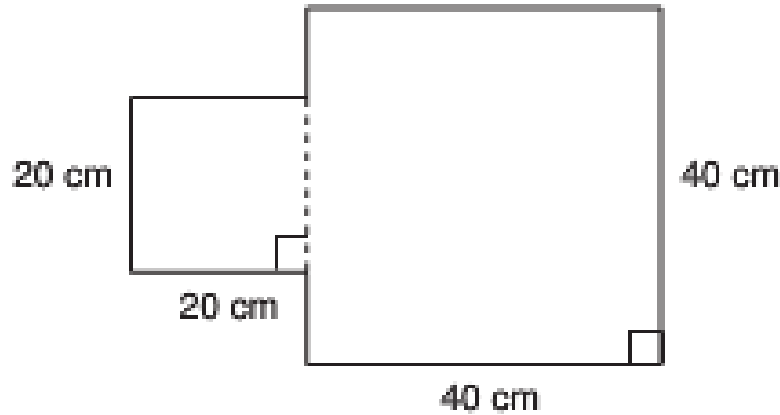
Common Units of Distance

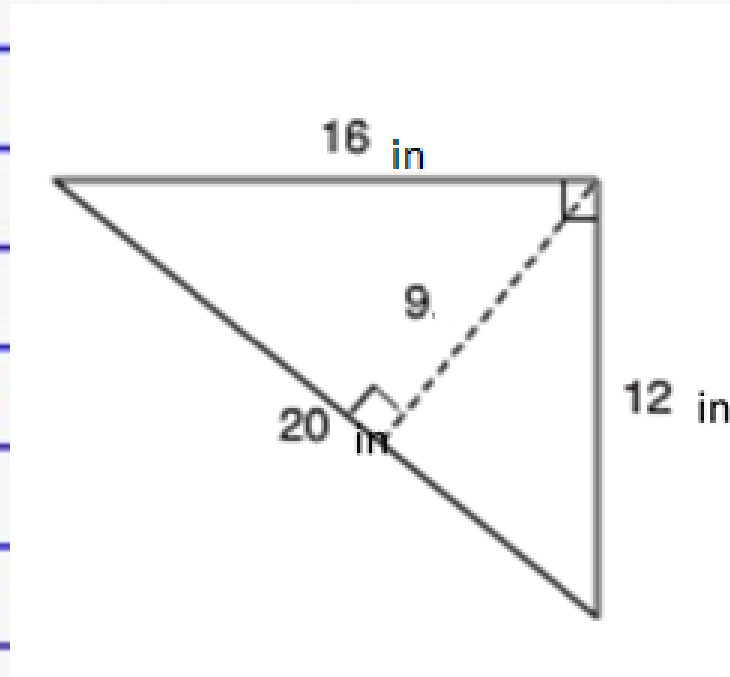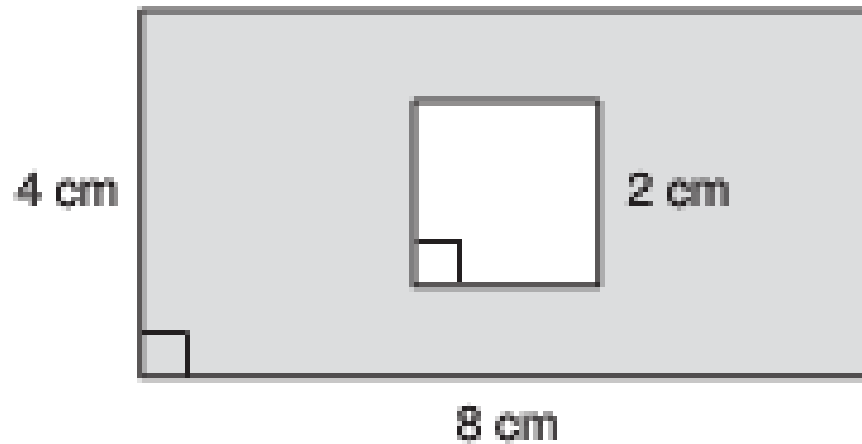| English Units	Metric Units
1 ft = 12 in.	1 cm = 10 mm
1 yd = 36 in.	1 m = 100 cm
1 yd = 3 ft	1 km = 1000 m
1 mi = 5280 ft	

Question 5

Find the area:
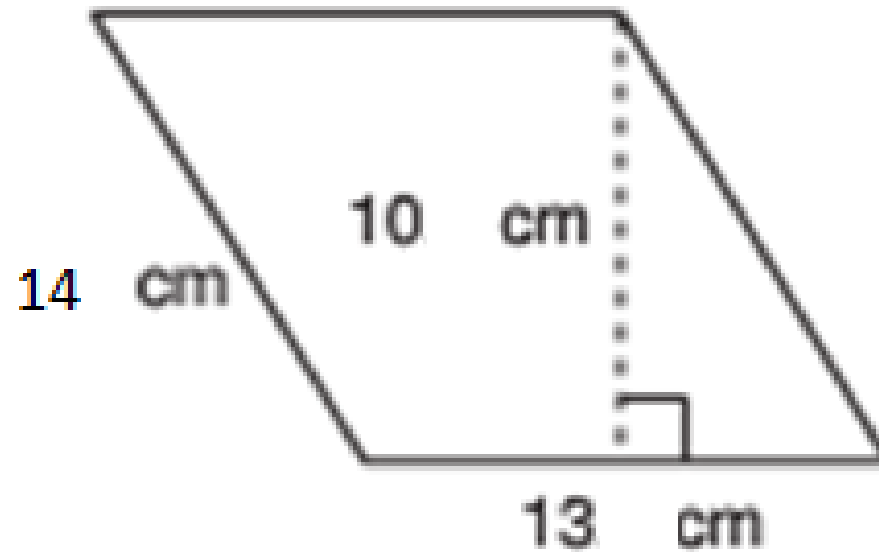
Question 6

Find the area of the triangle:

Question 7

Find the area of the shaded part:

Question 8

Find the area of the shape

5 cm   5 cm

7 cm

12 cm

14 cm
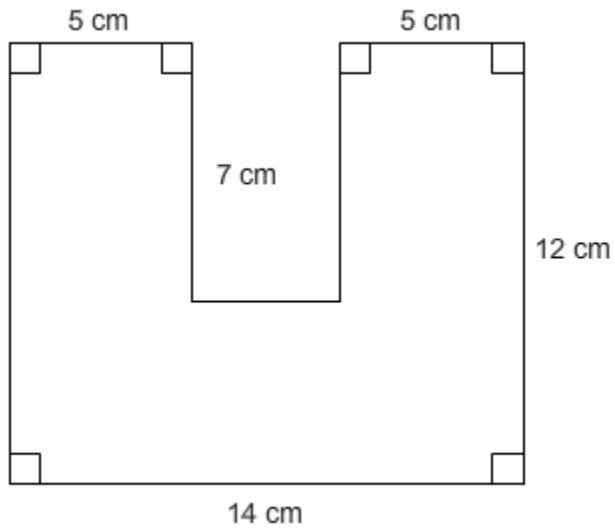
Question 9

Find the missing side:

Area = 36 mm²

6 mm

?
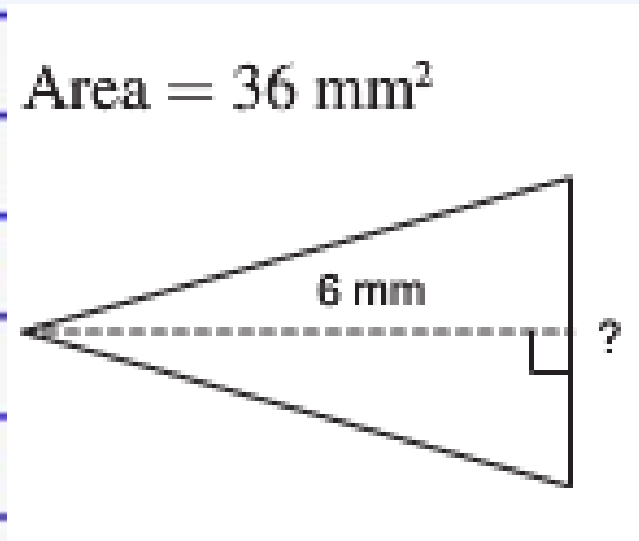
Question 10

The base of a parallelogram measures 30 cm long. The parallelogram has an area of 570 cm^2. Find the height of the parallelogram.

Question 11

Solve: 9p=45

Question 12
Find the square roots

$$\sqrt{100} \qquad\qquad \sqrt{100\ x\ 25}$$

Square roots

Which equation is true?

A. $\quad \sqrt{529} = 529 \div 2$

B. $\quad \sqrt{529} = 529 \cdot 2$

C. $\quad \sqrt{529} = 23^2$

D. $\quad \sqrt{529} = \sqrt{23^2}$

Review of various shapes

Look at your handout

Be sure to be able to tell specific ones!

So what now?

- Extra practice in areas you struggle: review lessons and do problems in book!

- Unit 16 lesson 3 good review materials from the lesson.

- Look over handouts!

- Test is Tuesday in class!