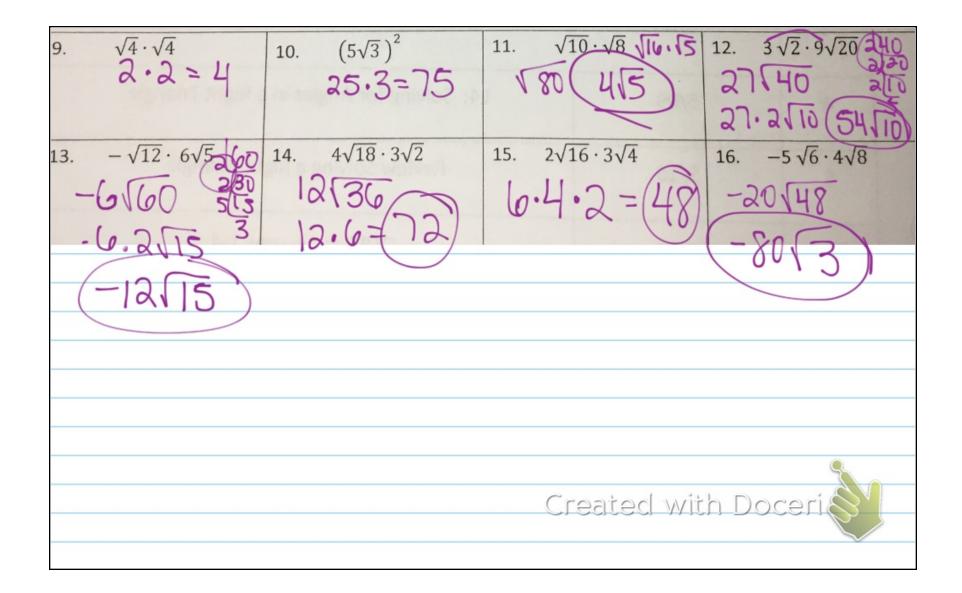
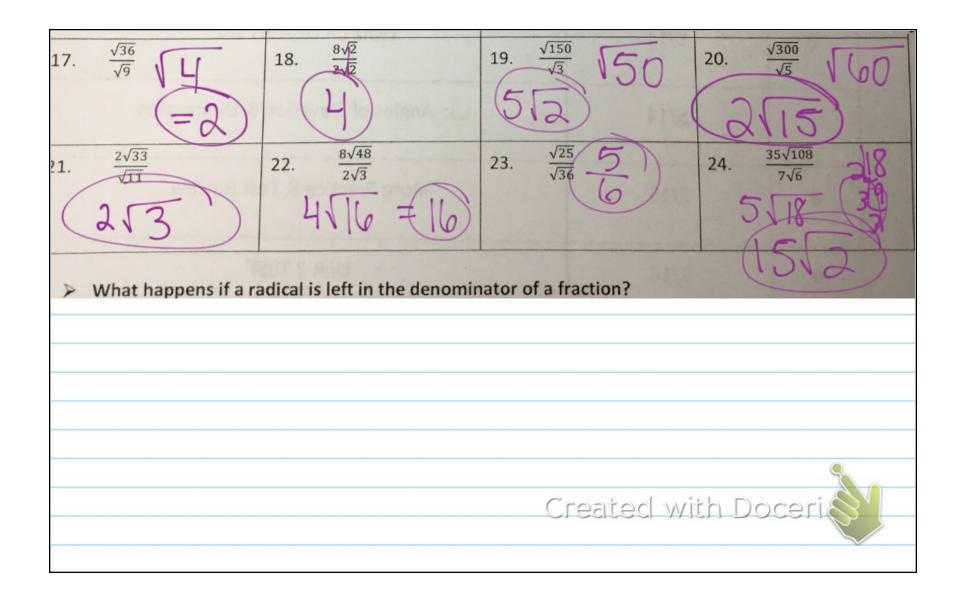
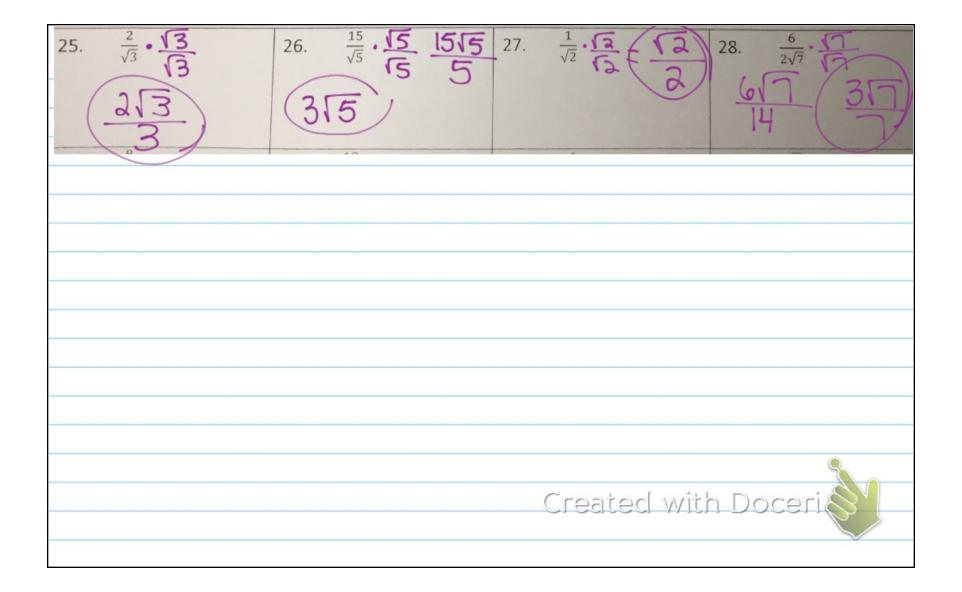
Lesson Lesson Radicals and Pythagorean Theorem

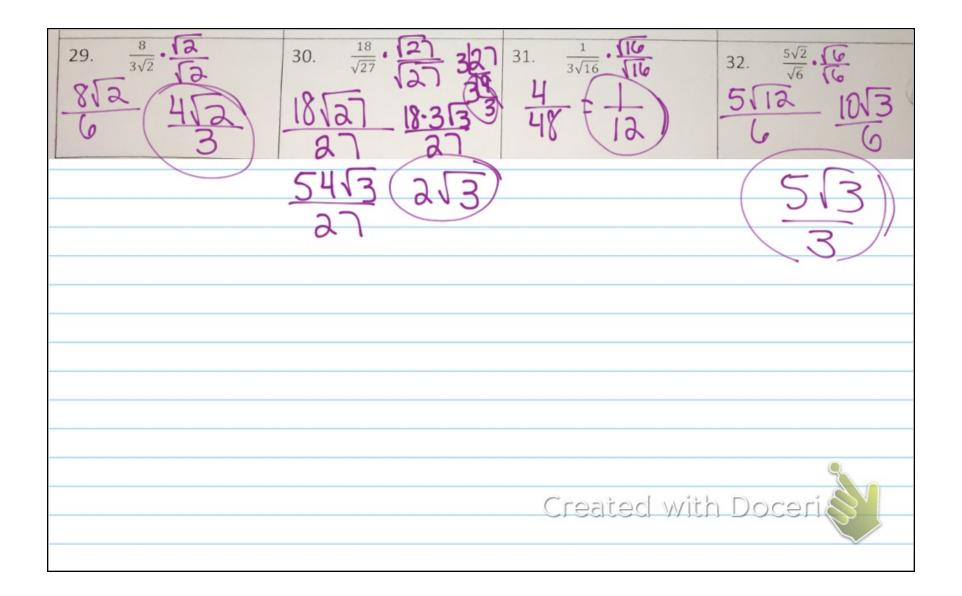
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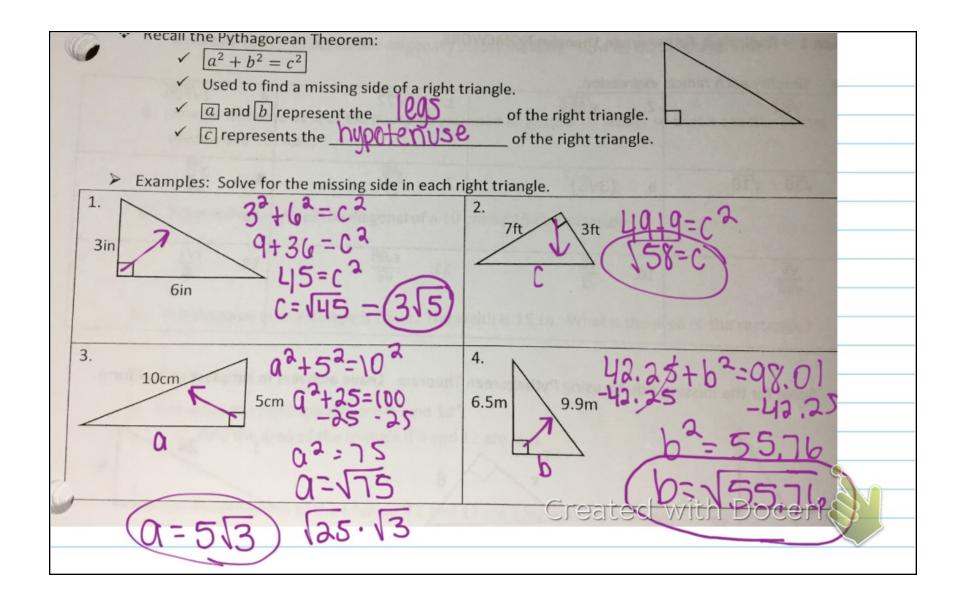
QUIZ DATE: Math 2 – Honors Unit 7 – Right Triangle Trigonometry Lesson 1 → Radicals & Pythagorean Theorem ➤ Review: Simplify each radical	TEST DATE: Name Date	Pd
1. $\sqrt{49}$ = 2. $\sqrt{121}$ = $ $	3. $\sqrt{20}$ $2\sqrt{5}$ 7. $-2\sqrt{300}$ 3. $-2\sqrt{10}$ 3. $-2\sqrt{10}$ 3. $-2\sqrt{3}$ 3. -2	12.125.12











5. Determine whether the measures of the sides of each triangle would represent a right triangle:

A.

9, 16, 20

3. 11, 12, 15

C.

18, 24, 30

D.

2, 3, 5

E.

5, 12, 13

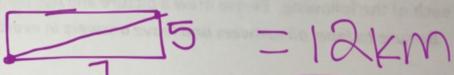
F

15, $\sqrt{31}$, 16

10

Michael is walking around a rectangular crater in the center of Wake Forest. The crater is 5 km long and 7 km wide.

a. How far would Michael have to walk from one corner of the crater to the opposite corner of the crater along the outside of the crater?



b. Captain Pythagoras has the ability to fly. How far would Captain Pythagoras fly if he were to fly from one corner of the crater to the opposite corner of the crater?

