



## Today: Reteach/Extend Pythagorean Theorem

- If you got 2/2:You will do challenge problems in groups. Do not write on the pages, do your work on the back of your notes from yesterday.
- If you got 0/2 or 1/2:Work on or do corrections on the worksheet we are about to grade

P	Pythagorean Theorem Worksheet: Answers	
$(\bigcirc$	I) $x = 5$	<b>9</b> ) <i>x</i> = 50
	<b>2</b> ) <i>x</i> ≈ 9.2	10) $x = 12$
	<b>3</b> ) <i>x</i> = 5	) x = 12
	<b>4</b> ) <i>x</i> ≈ 13.7	12) No; 8² + 10² ≠ 12²
	<b>5</b> ) <i>x</i> ≈ 21.9	
	<b>6</b> ) <i>x</i> = 24	
	<b>7</b> ) <i>x</i> ≈ 11.3	
	<b>8</b> ) <i>x</i> ≈ 10.4	





## **Critical Thinking**

• The length of the hypotenuse of an isosceles right triangle is  $\sqrt{288}$  units. Find the length of a leg.

## Measuring the room

• How many feet is it from corner to corner in this classroom? (Use the corner next to the origami shelf and the corner where the hall pass is hanging.) You may use a yardstick to help.





Back to your notes from yesterday...



- 3, 4, 5
- 5, 12, 13
- 8, 15, 17
- 7, 24, 25
- 9, 40, 41
- MEMORIZE THESE!!! (It will pay off!)

