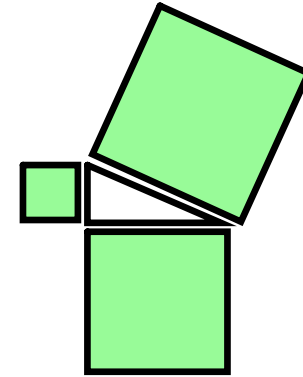
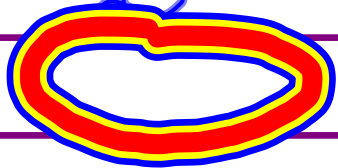
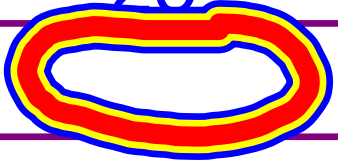
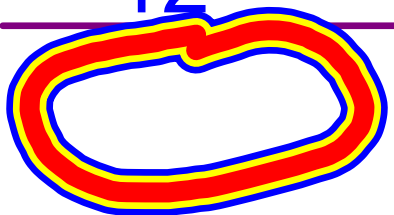


# Warm-up

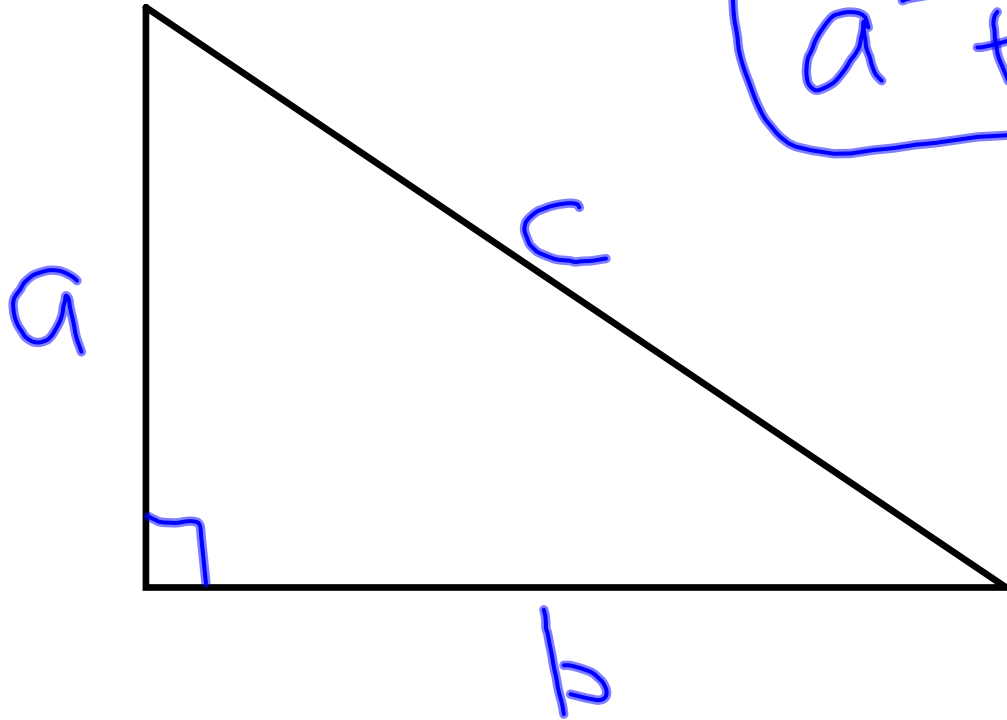
Fill in the blank for each triangle.



| Area of square<br>Short Side #1 | Area of square<br>Short Side #2 | Area of square<br>Longest Side |
|---------------------------------|---------------------------------|--------------------------------|
| 1                               | 4                               | 5                              |
| 4                               | 4                               | 8                              |
| 16                              | 9                               | 25                             |
| 20                              | 25                              | 20                             |
| 12                              | 64                              | 100                            |

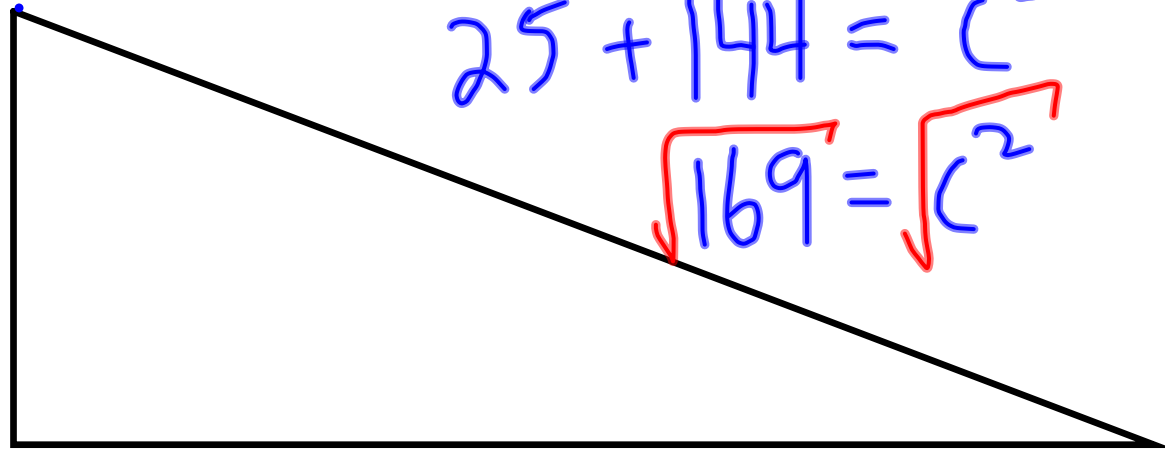


$$a^2 + b^2 = c^2$$



$$a^2 = 20$$
$$b^2 = 25$$
$$c^2 = ?$$

5m

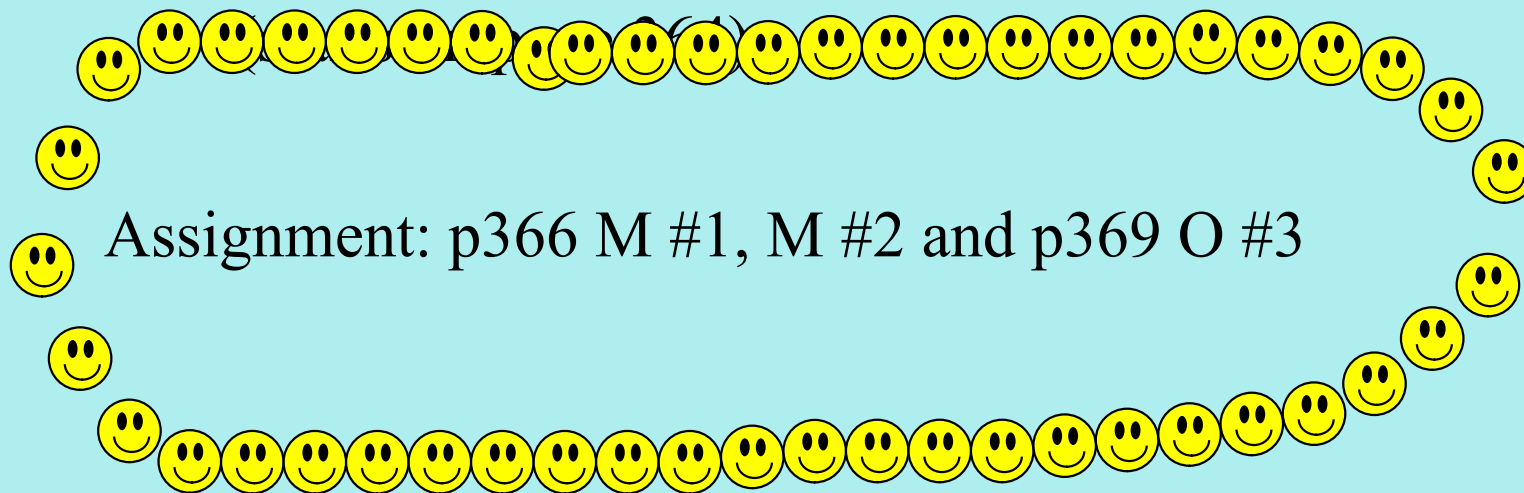


12m

# Agenda

Warm-up

Investigation 2 - #4 through #6



## Exit Task

Write an example problem (that is worked out) showing what you know about the Pythagorean Theorem.