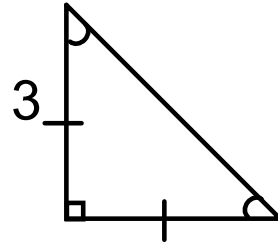
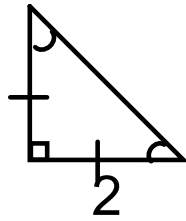
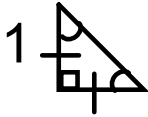


Warm-up: Geometry

Calculate the hypotenuse of the three triangles below.



Jan 22-7:43 AM

Agenda:

Warm-up

P.W. solutions (evens)

Notes

In-class work

P.W.: Assignment #3

Jan 22-8:01 AM

W.A.L.T.:

Understand the 45-45-90 right triangle properties.

W.A.S.I.:

Identify and use 45-45-90 triangle properties to solve problems.

Jan 22-8:08 AM

P.W. Solutions: Assignment #1 (evens)

2) $7\sqrt{2}$

10) $2\sqrt{33}$

18) 53.7in

4) $4\sqrt{3}$

12) 8in

20) 95.3in

6) 65

14) 17cm

22) 80.9cm

8) 12

16) 64.3m

24) 109.5mi

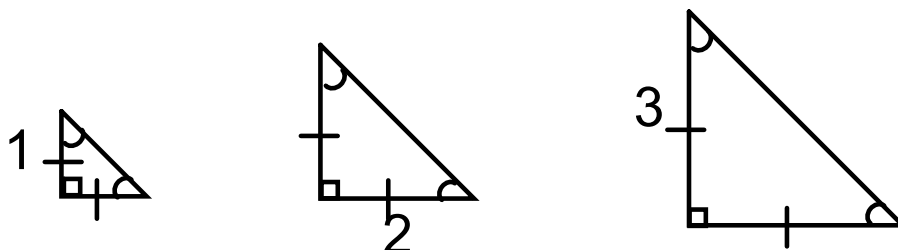
26) 42.3mi

Jan 22-8:00 AM

Notes: 45-45-90

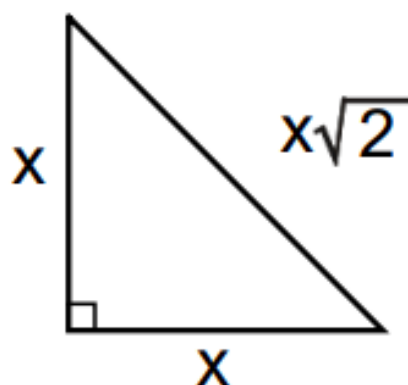
Isosceles right triangles are called 45-45-90 right triangles.

What did we notice about the warm-up triangles?



Jan 22-8:01 AM

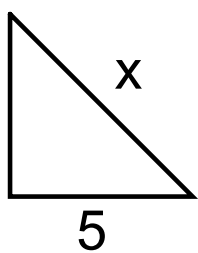
Notes: 45-45-90



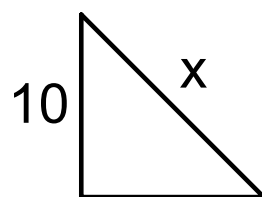
Jan 22-8:01 AM

In-class work:

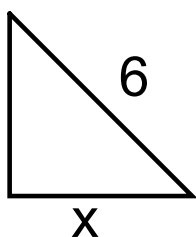
1)



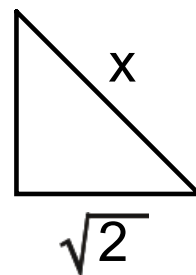
3)



2)



4)

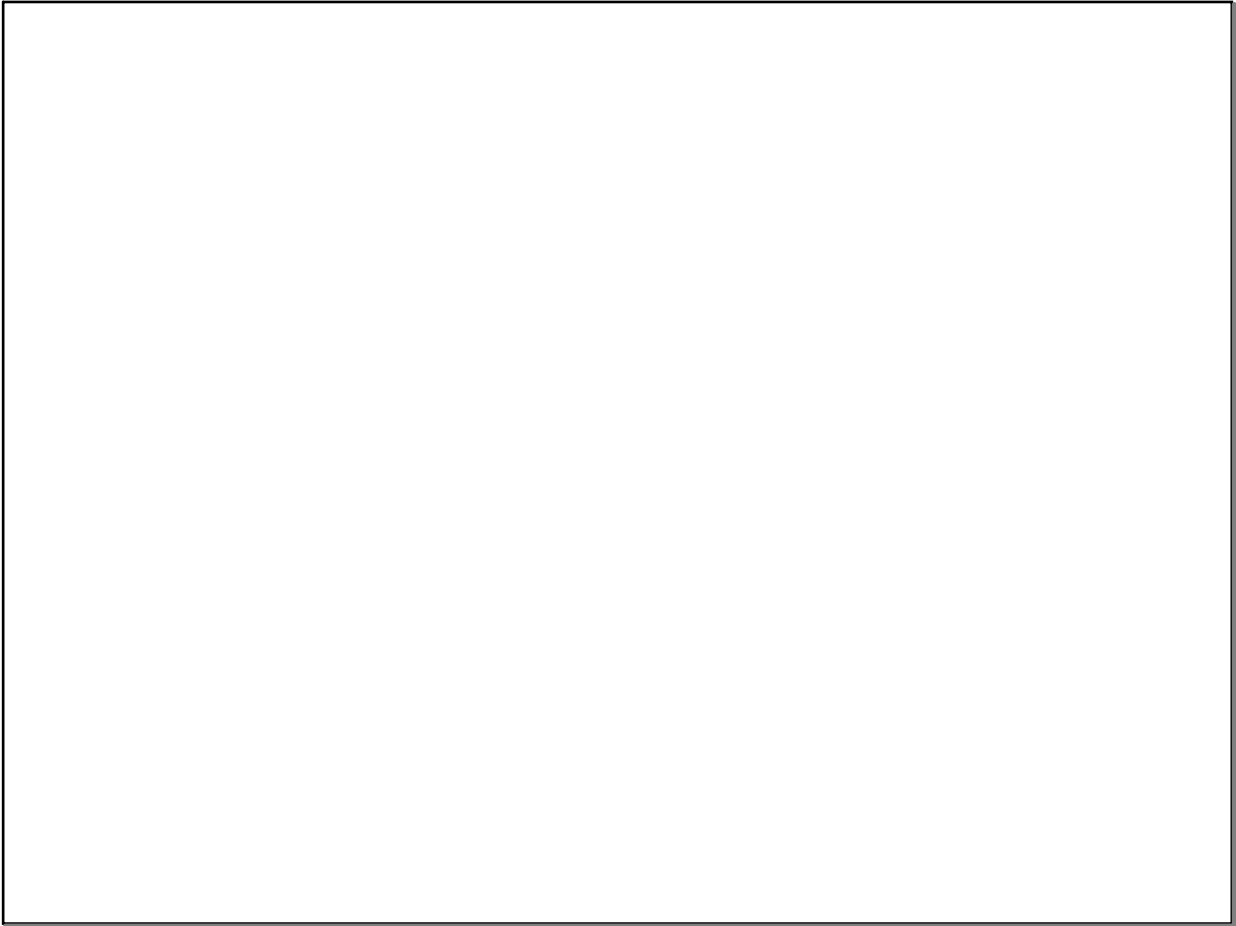


Jan 22-8:07 AM

P.W.:

pg.293 #'s: 5-7, 9-10

Jan 22-8:07 AM



Jan 25-8:45 PM