

Warm Up: Pre - Calc

1/16

None For Time.

Feb 27-7:39 AM

W.A.L.T.:

Use the 45-45-90 and 30-60-90 special right triangle properties.

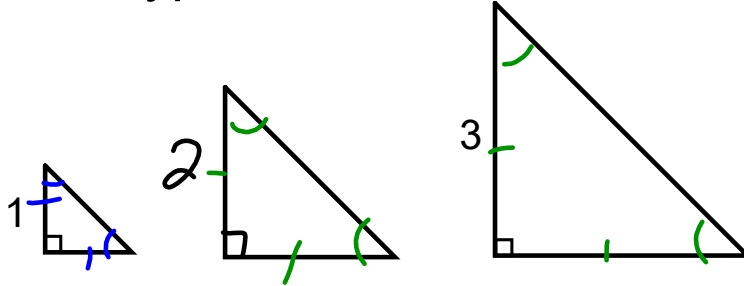
W.A.S.I.:

Can use the properties to help solve problems.

Mar 7-9:45 AM

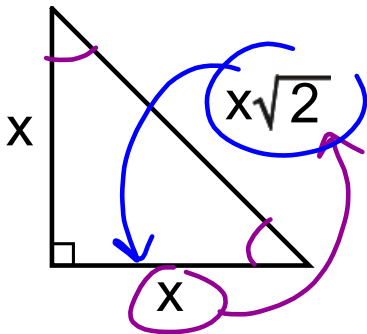
### Notes!!! Special Right Triangles

Isosceles right triangles have special properties. They are called 45-45-90 right triangles. Calculate the hypotenuse of the three triangles below.



Feb 11-2:27 PM

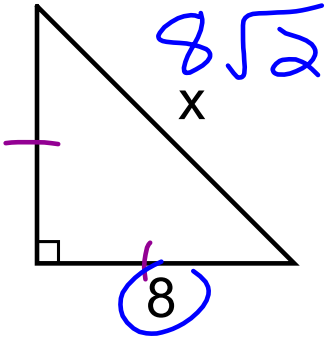
### Notes!!! 45-45-90 Right Triangles



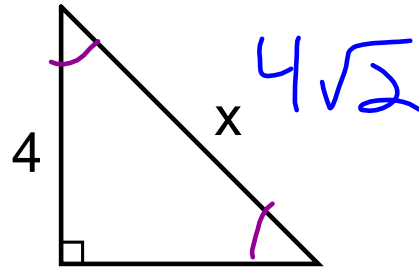
Feb 11-2:27 PM

In Class Work:

Ex 1:



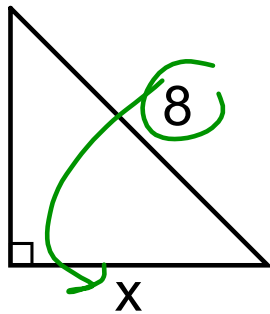
Ex 2:



Mar 7-1:33 PM

In Class Work:

Ex 3:

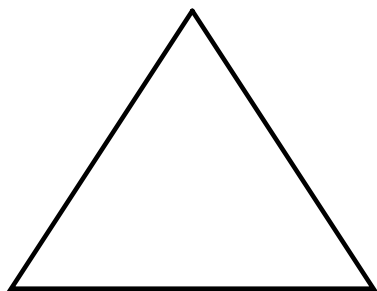


$$\frac{8}{\sqrt{2}} \frac{\sqrt{2}}{\sqrt{2}} = \frac{8\sqrt{2}}{\sqrt{4}}$$

$$= \frac{8\sqrt{2}}{2} = 4\sqrt{2}$$

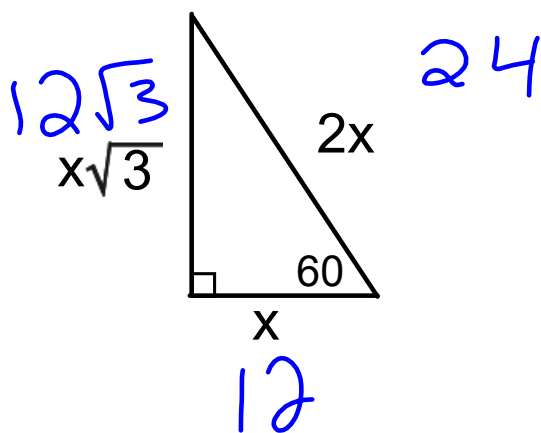
Mar 7-1:33 PM

**Notes!!!** Special Right Triangles



Feb 11-2:27 PM

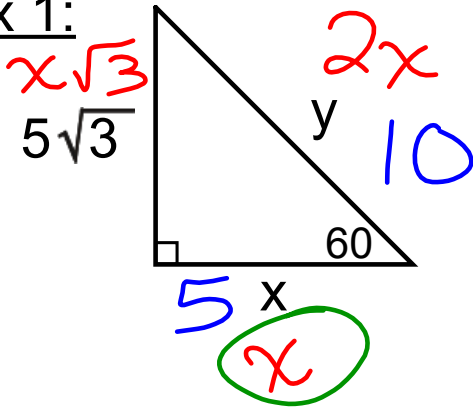
**Notes!!!** 30-60-90 Right Triangles



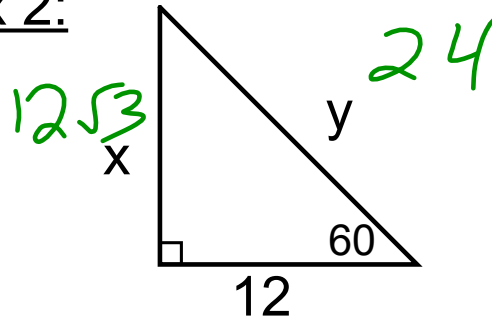
Feb 11-2:27 PM

**In Class Work:**

Ex 1:



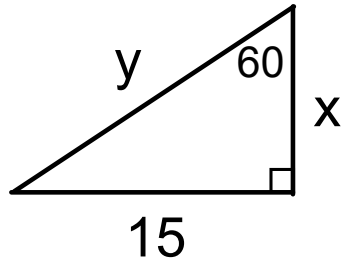
Ex 2:



Mar 7-1:33 PM

**In Class Work:**

Ex 3:



Mar 7-1:33 PM

Today's Activities:

- Special Right Triangles

P.W. for tonight:

- Worksheet: Converting and Special Right Triangles

Feb 27-7:23 AM