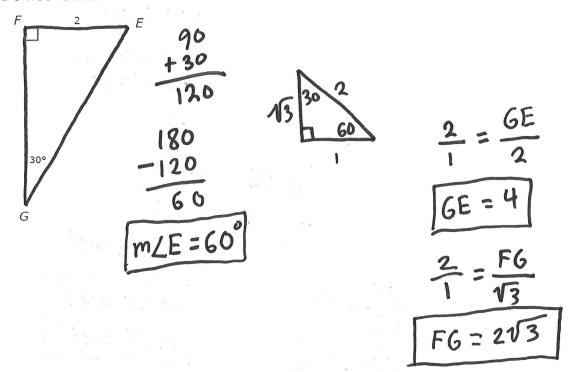
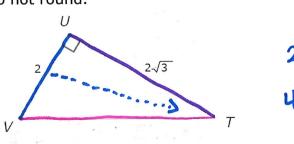
Worked Examples - Solve a Special Right Triangle (IXL Geometry Q.7)

1. Solve the right triangle. Write your answers in simplified, rationalized form. Do not round.



2. Solve the right triangle. Write your answers in simplified, rationalized form. Do not round.



$$2^{2} + (2\sqrt{3})^{2} = (VT)^{2}$$

$$4 + 12 = (VT)^{2}$$

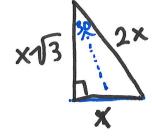
$$16 = (VT)^{2}$$

$$16 = \sqrt{(VT)^{2}}$$

$$4 = \sqrt{T}$$

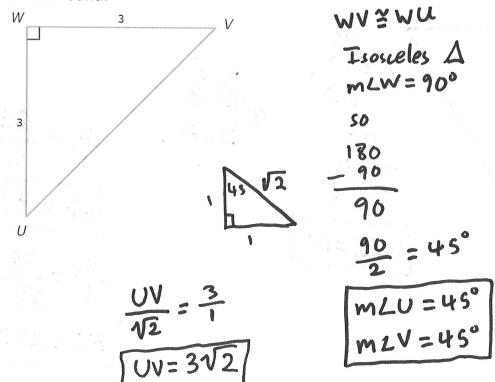
$$MLT = 30^{\circ}$$

$$MLV = 60^{\circ}$$



Proportional Sides in a D, means 22s.

3. Solve the right triangle. Write your answers in simplified, rationalized form. Do not round.



4. Solve the right triangle. Write your answers in simplified, rationalized form. Do not round.

