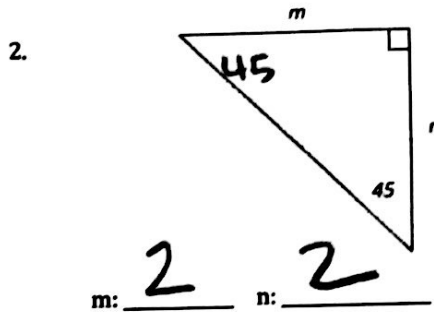
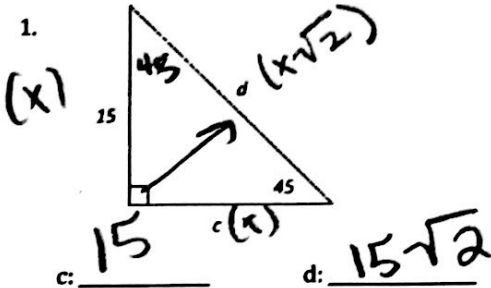
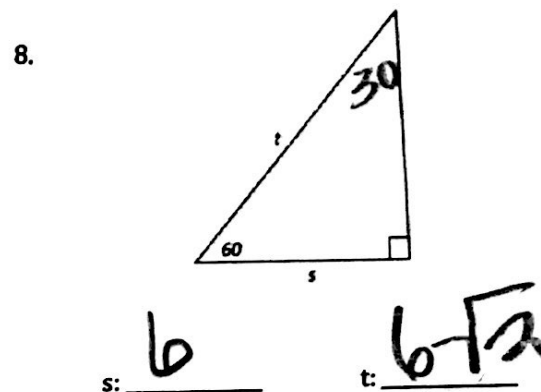
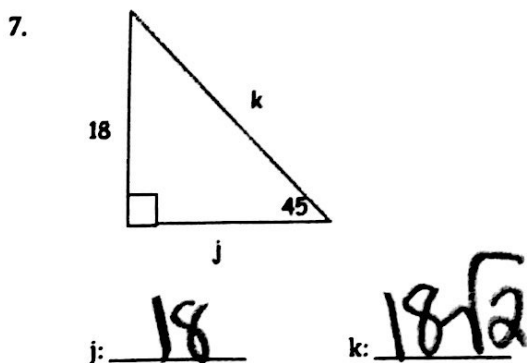
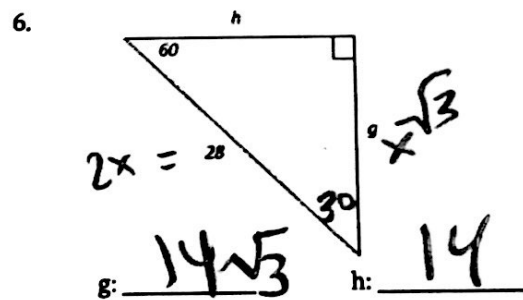
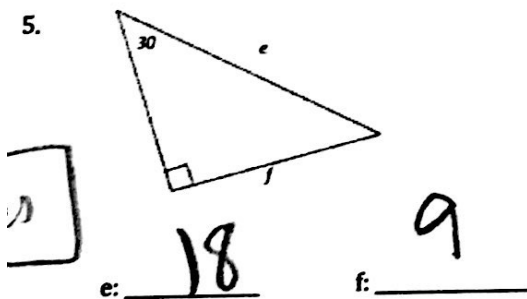
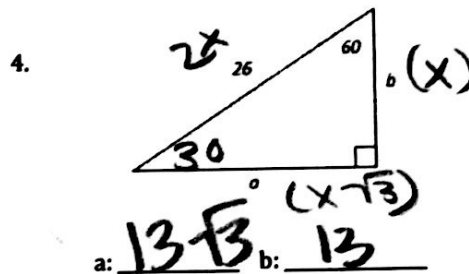
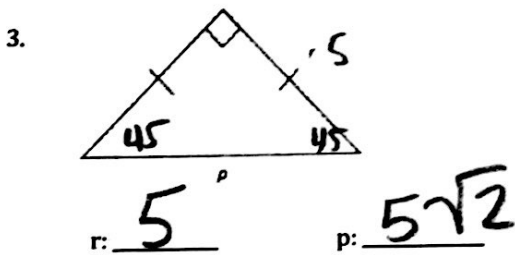


Day 2: Special Right Triangles

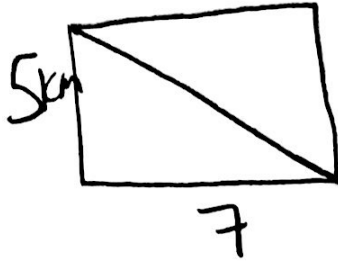
Solve for the missing sides in each of the given triangles using the relationships for special right triangles. If you cannot solve for the sides, write the rule as your answer. Leave all answers as simplified radicals.



$2x = 26$
 $x = 13$

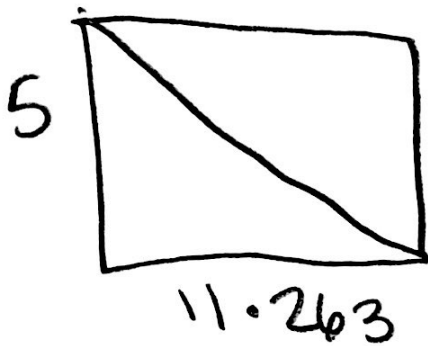


a)



$$5^2 + 7^2 = x^2$$

1 mile = 1.609 km



$$\sqrt{5^2 + 11.263^2}$$

$$x = \sqrt{151.855}$$

$$x = 12.323 \text{ km}$$