

Witch's Brew Logic Problem

Use the table to help you solve the logic problem. Each square represents a possible answer. Follow the rows and columns to find the correct combination. Draw a dot in a square for the answer where the vertical and horizontal squares meet. Draw an "x" in a square that isn't the answer.

answers

	Purple	Red	Green	Blue	One hr	Five hrs	Ten hrs	One day
Toads	X	X	●	X	X	X	●	X
Truth	X	●	X	X	●	X	X	X
Love	X	X	X	●	X	●	X	X
Invisibility	●	X	X	X	X	X	X	●
One hr	X	●	X	X				
Five hrs	X	X	X	●				
Ten hrs	X	X	●	X				
One day	●	X	X	X				



An old wicked witch is mixing four different potions in her cauldron: a love potion, a potion that turns people to toads, an invisibility potion and a truth spell potion. Each potion is a different color: red, blue, green and purple. They each take a different amount of time to make: one hour, five hours, ten hours and one day. Can you figure out the color of each type of potion and how long it takes to make each one?

1. The truth spell potion is not blue and it takes less than ten hours to make.
2. The potion that takes one day to make is purple.
3. The potion that turns people into toads is green and takes longer than one hour to make.
4. The invisibility potion takes the longest to make.
5. The love potion takes more than one hour to make but less than ten hours.