SUNSHINE MATH - 5
Saturn, VIII

Name: _____

(This shows my own thinking.)

★★★ 1. Write true, sometimes, or false.

     a. Perpendicular lines intersect. _____

     b. Two sides of a triangle are parallel. _____

     c. Two lines that are parallel to the same line are parallel to each other. _____
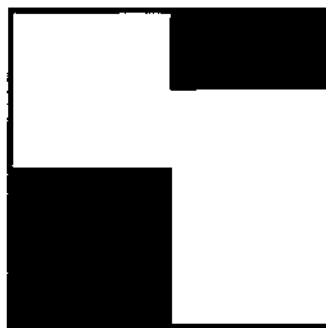
★★ 2. Solve:

$$9 \div (1 + 2) + 9 \div 3 = ?$$

Answer: _____

★ 3. Lisa and Sandy were comparing sticks. Lisa's stick was $\frac{2}{3}$ of a yard long. Sandy's stick was $1\frac{10}{12}$ of a foot long. Who's stick was the longest, and by how much?

Answer: _____ was longer, by _____.

★★★★ 4. What fraction of the large square is shaded?

Answer: ____ is shaded

★★ 5. Adrienne left home at 8 a.m.. She arrived in Los Angeles at 1:28 p.m.. Her friend Erica left home at 10 a.m.. She arrived in Los Angeles at 2:45 p.m.. Assume they are in the same time zone the whole trip and both trips take place during the same day. Altogether, how many hours did Adrienne and Erica spend traveling?
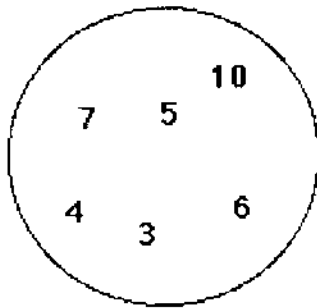
Answer: _____ hours, _____ minutes

★★ 6. Mike had eighteen jellybeans in a bag. 12 of them were green, 1 was blue, 1 was black, 1 was white, 1 was pink, and 2 were orange. If he stuck his hand into the bag without looking, what is the probability of his pulling out an orange jellybean? Write your answer as a fraction.

Answer: _____

★★★★ 7. Write a number sentence. Use every digit in the circle only once. Insert math symbols (+, −, x, ÷) and end with the number three. Use parentheses if necessary.

10
7   5
4   6
3

Answer: _____ = 3

★★ 8. Joe and Christine each bought a six pack of colas. Joe gave $\frac{2}{3}$ of his away to friends, and Christine gave away $\frac{1}{2}$ as many as Joe. How many more colas did Christine have, than Joe?

Answer: She had ____ more.

★ 9. Lo Ann's softball team had 16 players. One day it started raining at practice, and all but 5 players squeezed into the refreshment stand, out of the rain. How many were left to get wet?

Answer: _____ were left outside and got wet.