Multiplying and Dividing Fractions

Please complete on a separate sheet of paper, show your work, and have guardian sign for FULL credit

Solve:

1. Find 4/5 of 20.

$$\frac{1}{4} \; x \; 20$$

2. Find the product.

$$5 \; x \; \frac{4}{7}$$

Solve:

3. Find the product.

$$\frac{2}{3} \times \frac{3}{8}$$

4. Find the product.

$$2\frac{5}{8} \times 1\frac{1}{7}$$

Solve:

5.

$$\frac{1}{6} \div \frac{2}{6}$$

6.

$$3 \div \frac{1}{3}$$

7. Solve the Word Problem

At the movies, Liz eats ¼ of a box of popcorn. Her friend Kyra eats two times as much popcorn as Liz eats How much of a box of popcorn does Kyra eat?

8. Solve the Word Problem

The waterfall trail is ¾ mile long. At 1/6 of the distance from the trailhead, there is a lookout. In miles, how far is the lookout from the trailhead?

9. Solve the Word Problem

An old road was 3 ½ miles long. After a renovation it was 1 2/5 times as long. How long was the road after the renovation?

10. Solve the Word Problem

Lance bought 12 quarts of lemonade so that everyone who came to his party could have exactly 1/3 quart. How many people did Lance invite to his party?