Grade 5 Math Word Problems Worksheet

Read and answer each question. Show your work!

Mixed Practice with Fractions #4

1. A recipe calls for 2 cups of liquid, which includes ¼ cup molasses. What fraction of the liquid in the recipe is molasses?

2. The flight is supposed to leave Birmingham at 1:52 p.m., but you have been told that you need to be at the airport at least 2 ½ hours early. What is the latest time that you may arrive? Give your answer as hours : minutes and indicate a.m. or p.m.

3. The price of the house used to be ¾ of a million dollars, but now it is only $475,000. How many dollars has the price been reduced?

4. There are 5,280 feet in a mile. How many feet are in 7/11 of a mile?

5. A rectangle measures 4 2/3 x 3 3/7 inches. What is its area? Give your answer as a simplified mixed number or as a whole number.

Answers

1. Fraction = part ÷ whole. ¼ ÷ 2 = ¼ x ½ = 1/8
   1/8 of the liquid is molasses.

2. 2 ½ hours = 2:30. It takes 1 hour 52 minutes to get back to 12:00 p.m.
   Then, we still have 2:30-1:52 = 38 minutes left. 12:00-0:38 = 11:22 a.m.
   You may arrive no later than 11:22 a.m.

3. 1,000,000 x 3 = 3,000,000. 3,000,000 ÷ 4= $750,000 original price.
   750,000 – 475,000 = 275,000
   The price has been reduced by $275,000.

4. 5280 x 7 = 36960. 36960 ÷ 11= 3360
   There are 3,360 feet.

5. Area = length x width. 14 / 3 (4 2/3 as an improper fraction) x 24 / 7 (3 3/7 as an improper fraction) = 336 / 21 = 16.
   The area is 16 square inches.