

Name _____ Date _____ Period _____

Math Homework 11

1. Determine the quotient, showing all your steps.

a. $2\frac{4}{7} \div 1\frac{3}{6}$

b. $3\frac{1}{3} \div 1\frac{1}{6}$

2. One lap around a dirt track is $\frac{1}{3}$ mile. It takes Bryce $\frac{1}{9}$ hour to ride one lap. What is Bryce's unit rate, in miles, around the track? *In other words, how many miles can Bryce ride in one hour?*

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3. The local bakery uses $1\frac{3}{4}$ cups of flour in each batch of cookies. The bakery used $5\frac{1}{4}$ cups of flour this morning.

a. How many batches of cookies did the bakery make? (Show your work)

b. If there are 5 dozen cookies in each batch, how many cookies did the bakery make? (Show your work)

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