Name: _____

Extra Practice 1

Lesson 5.1: Relating Fractions, Decimals and Percents

1. Write each percent as a **fraction and as a decimal**.
   a) 24.5%
   b) $2\frac{4}{5}$%
   c) 73.25%
   d) $99\frac{3}{4}$%

2. Write each percent as a fraction and a decimal.
   a) 0.3%
   b) 0.55%
   c) 0.04%
   d) 0.9%
   e) 0.335%
   f) 0.5525%
   g) 0.0475%
   h) $\frac{1}{5}$%

3. Write each fraction as a decimal and as a percent.
   a) $\frac{5}{200}$
   b) $\frac{3}{150}$
   c) $\frac{12}{500}$
   d) $\frac{9}{300}$
   e) $\frac{16}{400}$
   f) $\frac{12}{250}$
   g) $\frac{15}{600}$
   h) $\frac{28}{800}$

4. Write each percent as a fraction and as a decimal.
   a) 0.7%
   b) 0.44%
   c) 0.15%
   d) 0.9%
   e) 0.92%
   f) 0.27%
   g) 0.55%
   h) 0.36%

5. Write each decimal as a fraction and as a percent.
   a) 0.221
   b) 0.003
   c) 0.2225
   d) 0.0095
   e) 0.016
   f) 0.375
   g) 0.1875
   h) 0.0031

6. Elaine scored 19 out of 24 on her science test.
   Addison had 81.25% on the same test.
   Who did better?
   How do you know? (SHOW WORK) & (Write answer in sentence form)

7. During a school tournament, Team A had 10 of its 12 team members present.
   Team B had 13 of its 15 players present.
   Which team had the lesser percent of its team present at the tournament? (Show work and write the answer in sentence form)