Name:

Class:

COMPARING DECIMALS USING PLACE VALUE

1. Compare each pair of decimals using <, >, or =

a. 5.213 ☐ 5.312   **g.** 3.1 ☐ 3.10

b. 6.32 ☐ 6.032   **h.** 5.17 ☐ 5.172

c. 7.325 ☐ 6.425   **i.** 3.14 ☐ 2.99

d. 0.213 ☐ 0.223   **j.** 1.006 ☐ 1.060

e. 0.674 ☐ 0.644   **k.** 3.122 ☐ 3.220

f. 2.897 ☐ 2.9   **l.** 0.43 ☐ 0.430

2. Order the decimals from the least to greatest.

1. 7.52, 7.498, 7.521, 7.6

- -

2. 0.028, 0.080, 0.082, 0.008

- -

3. 12.193, 12.201, 12.191, 12.200

- -

4. 0.116, 0.108, 0.113, 0.117

5. 22.5, 22.67, 23.8, 23.703

6. 12.249, 12.13, 12.5, 12.2

3. Solve those world problems below.

- **Kate's plant is 13.47 centimeters tall. Which digit is in the hundredths place?**

- **Pam had to change her plant's measurements from centimeters to meters. She calculated her plant was 0.048 meter. Which digit is in the thousandths place?**

- **Alex's flower is 3.624 centimeters tall. Mandy's flower is taller than Alex 0.78 centimeters more. Find the total length of their flowers then find the digit in hundredths place.**