

MTH 134 Test 1 Show your work.

Name

I. Round off as indicated. (1 point each)

1.) 2,651 (to the nearest hundred)

2.) 3.984 (to the nearest tenth)

3.) 21.3721 (to the nearest hundredth)

4.) 374.8 (to the nearest ten)

5.) 14.78 (to the nearest whole number (unit))

II. Estimate by rounding all the way and then work the actual exercise. (4 points each)

1.) $421 + 689$

estimate _____

actual: _____

2.) $393 - 48$

estimate: _____

actual: _____

3.) $2890 \div 30$

estimate: _____

actual: _____

4.) $4998 \div 51$

estimate: _____

actual: _____

III. Do the indicated conversions: (3 points each)

1.) Convert $2\frac{1}{2}$ to a decimal.

2.) Convert 3.05 to a mixed fraction and reduce.

3.) Convert $2\frac{1}{4}$ to a decimal.

IV. Perform the indicated operations and reduce where possible. (5 points each)

1.) $7.84 + 30 + .1$

2.) $48 - 7.6$

3.) $7.1 - 3.001$

4.) $68.02 \cdot 1000$

5.) $48.75 \cdot 3.9$

6.) $782 \cdot 100$

7.) $7 \cdot 3$

8.) $6 \cdot -3$

9.)

10.)

11.) 5 1

V. Applications (5 points each)

1.) Fellice bought a turtleneck to wear to class. later in the season Jewell bought one just like it for two-thirds the price. If Fellice spent \$15 on her turtleneck how much did Jewell pay?

2.) Renee borrowed \$280 off of Samm. She plans to pay him \$30 per month. How long until she has paid off her debt?

3.) Karen bought a complete computer system off of Michael. She paid \$530 for the computer, \$150 for the printer, \$75 for the monitor, and \$42 for the modem. How much did she pay for the entire system?