

12. [24 pts - 3, 4, or 6 each] Convert as indicated; if not possible, say so. Show work only as needed.

(3) $\frac{438}{100}$

(4) (a) 4.38% to a single fraction
.0438

$\frac{438}{10000}$

(6) (b) 6.7868686... to a single fraction

$6.\overline{786}$
10 times $67.\overline{86} = 67\frac{86}{99}$
 $= \frac{6719}{99}$

Divide by 10:

$\frac{6719}{990}$

(3) (c) 4.54454445... to a single fraction

not possible
(it doesn't repeat).

(4) (d) $1\frac{3}{8}$ to a percent; do not round

$1.375 =$

137.5%

(3) (e) $\frac{21}{27}$ to a decimal; do not round

$0.\overline{7}$

(4) (f) $6\frac{1}{8}\%$ to a decimal; do not round

6.125%

0.06125