

Reminder: Your term paper is due on May 16.

- (1) (i) Convert into fractions:

(a) 0.729

(b) 2.3456

(c) $0.18181818\dots$

- (ii) Convert into decimals:

(a) $\frac{2}{5}$

(b) $\frac{5}{12}$

(c) $3\frac{1}{11}$

- (2) Do these addition/subtraction problems.

(a) $0.25 + 0.33$

(b) $0.37 + 0.85$

(c) $1.84 + 0.678$

(d) $0.87 - 0.34$

(e) $1.23 - 1.09$

(f) $2.1234 - 1.87$

- (3) Compute these products.

(a) 1.3×2.1

(b) 2.3×8.12

(c) 13.6×4.321

- (4) Explain in two ways how we can solve $1.25 \div 3$.
- (5) Make up two different real-life problems that your students solve using multiplication and division of decimal numbers.
- (6) (Extra credit; partial credit for effort and good ideas) Some of your students claim that $5 \div 0 = 0$. Give them two good reasons why this can't be true.