

Reminder: Your term paper is due (on iLearn) on December 14.

- (1) (a) A girl spends $\frac{1}{3}$ of her savings and loses $\frac{2}{3}$ of the remainder. She then has 12 cents. How much did she start with?
(b) What is the area, in square miles, of a farm $1\frac{5}{15}$ miles long by $\frac{2}{3}$ miles wide?
- (2) (a) A length of cloth $6\frac{7}{8}$ feet long is divided into 5 equal pieces. How long is each piece?
(b) A box of modeling clay weighs $45\frac{1}{2}$ pounds. How many $1\frac{3}{4}$ pound packages will one box fill?
- (3) (a) Convert into fractions:
(a) 0.729 (b) 2.3456 (c) 0.18181818...
- (b) Convert into decimals:
(a) $\frac{2}{5}$ (b) $\frac{5}{12}$ (c) $3\frac{1}{11}$
- (4) 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) $2.1234 - 1.87$
- (5) Compute these products.
(a) 1.3×2.1 (b) 2.3×8.12 (c) 13.6×4.321