

**2.1 Year 5 Term 2 Week 2 Answers (Last modified: February 15, 2017)****2.1.1 Topic 1 — Fractions**

(1-1) a.  $5\frac{1}{2}$ ; b.  $3\frac{13}{25}$ ; c.  $5\frac{13}{20}$ ; d.  $3\frac{3}{20}$  or 3.15; e.  $2\frac{4}{15}$ ; f. 1; g.  $\frac{61}{144}$ ; (1-2) a. 16; b. 1; c.  $6\frac{1}{4}$ ; d.  $\frac{25}{27}$ ;  
(1-3) a. 9; b. 75; c. \$2.80; d.  $1\frac{11}{24}$ ; (1-4)  $1\frac{19}{24}$ ; (1-5) 40; (1-6) 16;

**2.1.2 Topic 2 — Decimals**

(2-1) a.  $\frac{11}{250}$ ; b.  $\frac{51}{125}$ ; c.  $\frac{39}{125}$ ; d.  $1\frac{1}{200}$ ; (2-2) a. 0.625; b. 0.63; c. 0.44; d. 1.125;  
(2-3) a.  $2.128 < 2.214$ ; b.  $3.141 > 3.057$ ; c.  $0.0213 > 0.0132$ ; d.  $0.008 < 0.019$ ;  
(2-4) a. 34.63; b. 8.08; c. 14.25; d. 0.08;

**2.1.3 Topic 3 — Percentages**

(3-1) a. 92%; b. 13%; c. 5%; d. 102%; e. 0.2%; (3-2) a. 203 kg; b. \$60; c. 60; d. 168; e. 125;  
(3-3) a. \$180.00; b. 204 students; c. 168; d. 85%; e. 25%; f. \$3.80;

**2.1.4 Topic 4 — Money**

(4-1) a. \$36.31; b. \$69.13; c. \$125.53; d. \$13.84; (4-2) a. \$85.86; b. \$21.94; c. \$5.42; d. \$79.15;  
(4-3) a. \$73.00; b. \$753.60; c. \$291.40; d. \$4818.00; (4-4) a. \$2.70; b. \$0.60; c. \$7.38; d. \$31.20;  
(4-5) a. \$189.60; b. 105; c. \$144.00; d. \$31.15;

**2.1.5 Problem Solving**

(1) 9.1 g; (2) 1.3 m; (3) \$50.00; (4) \$588.00; (5) 610 g;

**2.1.6 Test Paper 2**

(A-1) A ; (A-2) B ; (A-3) D ; (A-4) B ; (A-5) C ; (A-6) C ; (A-7) A ; (A-8) C ; (A-9) D ; (A-10) C ;  
(B-1)  $\frac{13}{25}$  ; (B-2) 5 ; (B-3) \$2400 ; (B-4) \$350.40 ; (B-5) 66 mins ; (B-6) 0.83 ; (B-7) 2543 ;  
(B-8) 6 ways ; (B-9) 75% ; (B-10) 80 apples ;  
(C-1) 9 ; (C-2) \$8,000 ; (C-3) \$500.00 ; (C-4) 90 L ; (C-5) \$573.00 ; (C-6) 20.9 L ; (C-7) 116 ;  
(C-8)  $\frac{9}{40}$  ; (C-9) 119 g ; (C-10) 7 ;  
(D-1) \$2692.00 [\$2692.31] ; (D-2) 129 [645  $\div$  5] ; (D-3) 18 ; (D-4) \$125 ; (D-5) 15 ; (D-6) 30 apples ;  
(D-7) \$1.20 ; (D-8) \$4.00 ;