

Year 5 Term 1 Homework

Student Name: _____	Grade: _____
Date: _____	Score: _____

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7 Year 5 Term 1 Week 7 Answers (Last modified: February 15, 2017)

7.1 Topic 1 — Decimals

E 7.1.1 (1) 11.9 ; (2) 0.003 ; (3) 39.68 ; (4) 352.5 ; (5) 3.328 ;

E 7.1.2 (1) 0.16 ; (2) 2.14 ; (3) 8.9 ; (4) 22.8 ; (5) 16.5 ;

E 7.1.3 (1) 24% ; (2) 112.5% ; (3) 8% ; (4) 10.5% ; (5) 525% ;

7.2 Topic 2 — Fractions

E 7.2.1 (1) 2.125 ; (2) $3.\dot{3}$; (3) 5.75 ; (4) 6.625 ; (5) 0.375 ;

E 7.2.2 (1) $2\frac{1}{4}$; (2) $3\frac{1}{6}$; (3) $\frac{3}{8}$; (4) $1\frac{3}{4}$; (5) $\frac{2}{25}$;

E 7.2.3 (1) 20% ; (2) 12.5% ; (3) 260% ; (4) 240% ; (5) 37.5% ;

7.3 Topic 3 — Percentages

E 7.3.1 (1) \$86.25 ; (2) \$63.75 ; (3) \$347.4 ; (4) 21 students don't wear glasses ;

(5) 95 students don't play sport ; (6) 80% ; (7) 180 ;

7.4 Problem Solving (Odds and Evens)

(1) and (2) see the figure below:

odd			
+	1	3	
odd	1	2	4
	3	4	6

(A)

even			
+	2	4	
even	2	4	6
	4	6	8

(B)

odd			
+	3	5	
even	4	7	9
	6	9	11

(C)

odd			
x	1	3	
odd	1	1	3
	3	3	9

(D)

even			
x	2	4	
even	2	4	8
	4	8	16

(E)

odd			
x	3	5	
even	4	12	20
	6	18	30

(F)

+	O	E
O	E	O
E	O	E

(A)

x	O	E
O	O	E
E	E	E

(B)

(3) a. True, b. False, c. True, d. True, e. True, f. True, g. True, h False ;

7.5 Test Paper 7 Answers

(A-1) 26 ; (A-2) 300 ; (A-3) 48 ; (A-4) 144 ; (A-5) 96 ; (A-6) $10,000m^2$; (A-7) 8000mm ;
(A-8) 6 ; (A-9) 16 ; (A-10) 625 ; (A-11) 85 ; (A-12) 902 ; (A-13) 6300 ; (A-14) 105 ; (A-15) 21 ;
(A16) T ; (A-17) 12001 ; (A-18) 1, 4, 9 and 16 ; (A-19) 75% ; (A-20) MMDLXIV ;
(A-21) CDXCIX ; (A-22) \$0.75; (A-23) 250% ; (A-24) 47 ; (A-25) 2 ; (A-26) $\frac{1}{5}$; (A-27) 2 ;
(A-28) 180° ; (A-29) 4 ; (A-30) 5 ; (A-31) 1.125 ; (A-32) $\frac{24}{7}$; (A-33) 19 ; (A-34) $\frac{3}{20}$; (A-35) 720° ;
(A-36) 30420 ; (A-37) 2 and 13 ; (A-38) \$120 ; (A-39) \$64 ; (A-40) 120 ; (A-41) 5 ; (A-42) 625 ;
(B-1) 2 ; (B-2) 7, 12 ; (B-3) 8 cm ; (B-4) 0 and 18 ; (B-5) 5 ; (B-6) 750 kg ; (B-7) 21 hr 20 min ;
(B-8) 4.95 ;
(C-1) $54 cm^2$; (C-2) \$144 ; (C-3) 5 km ; (C-4) 1200 m ; (C-5) 2 cents ; (C-6) 64 ; (C-7) 5 cuts ;
(D-1) 10 games ; (D-2) \$125 ; (D-3) 216 pages ; (D-4) \$840 ; (D-5) \$13440;