

## Year 4 Term 1 Homework

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

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## 1 Year 4 Term 1 Week 1 Answers (Last modified September 4, 2021)

E 1.1.1 (1) a. 27 ; b. 74 ; c. 287 ; d. 554 ; e. 1544 ; f. 999;

E 1.1.1 (2) a. XCIV ; b. CCCLXXII ; c. CMXXVI ; d. CDIX ; e. MVII ; f. MMCDLXVIII;

E 1.1.2 (1) 3 units ; (2) 3 hundreds ; (3) 3 thousands ; (4) 3 hundreds thousands ;

(5) thirty thousands ; (6) 3 millions ; (7) thirty thousands ; (8) 3 tens

E 1.1.3 (1) a. one thousand two hundred and thirty-four ;

E 1.1.3 (1) b. ten thousand six hundred and nine ;

E 1.1.3 (1) c. twenty thousand, three hundred and fifty nine ;

E 1.1.3 (1) d. five hundred and thirty seven thousand two hundred and nine;

E 1.1.3 (2) a.  $(2 \times 1000) + (3 \times 100) + (4 \times 10) + (5 \times 1)$ ;

E 1.1.3 (2) b.  $(1 \times 10,000) + (4 \times 100) + (8 \times 10) + (3 \times 1)$  ;

E 1.1.3 (2) c.  $(2 \times 100,000) + (4 \times 100) + (8 \times 10) + (2 \times 1)$  ;

E 1.1.3 (2) d.  $(6 \times 1,000,000) + (2 \times 100,000) + (3 \times 100) + (4 \times 10) + (5 \times 1)$  ;

E 1.1.3 (3) a.  $(3 \times 10^3) + (1 \times 10^2) + (2 \times 10^1) + (4 \times 10^0)$  ;

E 1.1.3 (3) b.  $(6 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (8 \times 10^1) + (9 \times 10^0)$  ;

E 1.1.3 (3) c.  $(1 \times 10^4) + (2 \times 10^3) + (3 \times 10^1) + (4 \times 10^0)$  ;

E 1.1.3 (3) d.  $(4 \times 10^5) + (3 \times 10^4) + (1 \times 10^2) + (5 \times 10^1) + (6 \times 10^0)$  ;

E 1.1.4 (1) a. 1230, b. 3410, c. 1000, d. 2000 ; (2) a. 1900, b. 1100, c. 1000, d. 8900 ;

E 1.1.4 (3) a. 1000, b. 2000, c. 2000, d. 1000 ; (4) a. 1600, b. 3600, c. 1100, d. 4100 ;

E 1.1.5 (1) a. 22095, b. 9446, c. 8358, d. 1835 ; (2) a. 3631, b. 2309, c. 809, d. 2089 ;

E 1.1.5 (3) a. 3570, b. 2465, c. 8820, d. 21527 ; (4) a. 43, b. 76, c. 27, d. 72 ;

E 1.2.1 (1) 5 hundredths ; (2) 5 tenths ; (3) 5 thousandths ; (4) 5 units ; (5) 5 thousandths ;

E 1.2.1 (6) 5 tens ; (7) 5 ones ; (8) 5 hundredths ;

E 1.2.2 (1) a. 1.202, 1.022, 1.02, 1.002 ; b. 10.11, 10.10, 10.02, 10.01 ;

E 1.2.2 (2) a. 4.02, 4.12, 4.20, 4.22 ; b. 0.125, 0.215, 0.25, 0.4 ;

E 1.3.1 see next page; E 1.3.2 and E 1.4.1 see next page ;

**E 1.3.1**

$$\textcircled{1} \quad \frac{2}{8} = \frac{16}{64} = \frac{4}{16}$$

$$\textcircled{2} \quad \frac{2}{4} = \frac{16}{32} = \frac{8}{16}$$



$$\textcircled{3} \quad \frac{4}{8} = \frac{28}{56} = \frac{32}{64}$$

$$\textcircled{4} \quad \frac{1}{2} = \frac{6}{12} = \frac{2}{4}$$

$$\textcircled{5} \quad \frac{4}{7} = \frac{16}{28} = \frac{24}{42}$$

$$\textcircled{6} \quad \frac{2}{5} = \frac{20}{50} = \frac{18}{45}$$

$$\textcircled{7} \quad \frac{6}{8} = \frac{60}{80} = \frac{18}{24}$$

$$\textcircled{8} \quad \frac{1}{6} = \frac{10}{60} = \frac{9}{54}$$

$$\textcircled{9} \quad \frac{4}{5} = \frac{16}{20} = \frac{28}{35}$$

$$\textcircled{10} \quad \frac{2}{3} = \frac{10}{15} = \frac{12}{18}$$

$$\textcircled{11} \quad \frac{1}{5} = \frac{8}{40} = \frac{4}{20}$$

$$\textcircled{12} \quad \frac{2}{7} = \frac{18}{63} = \frac{16}{56}$$

$$\textcircled{13} \quad \frac{1}{3} = \frac{3}{9} = \frac{9}{27}$$

$$\textcircled{14} \quad \frac{5}{6} = \frac{25}{30} = \frac{40}{48}$$

$$\textcircled{15} \quad \frac{1}{4} = \frac{8}{32} = \frac{3}{12}$$

$$\textcircled{16} \quad \frac{4}{6} = \frac{24}{36} = \frac{8}{12}$$

$$\textcircled{17} \quad \frac{3}{5} = \frac{9}{15} = \frac{12}{20}$$

$$\textcircled{18} \quad \frac{2}{6} = \frac{16}{48} = \frac{18}{54}$$

$$\textcircled{19} \quad \frac{3}{8} = \frac{15}{40} = \frac{24}{64}$$

$$\textcircled{20} \quad \frac{6}{7} = \frac{60}{70} = \frac{54}{63}$$

Score:

## E 1.3.2

$$\textcircled{1} \quad \frac{3}{9} = \underline{\frac{1}{3}}$$

$$\textcircled{2} \quad \frac{2}{4} = \underline{\frac{1}{2}}$$



$$\textcircled{3} \quad \frac{30}{50} = \underline{\frac{3}{5}}$$

$$\textcircled{4} \quad \frac{27}{36} = \underline{\frac{3}{4}}$$

$$\textcircled{5} \quad \frac{8}{32} = \underline{\frac{1}{4}}$$

$$\textcircled{6} \quad \frac{10}{50} = \underline{\frac{1}{5}}$$

$$\textcircled{7} \quad \frac{12}{18} = \underline{\frac{2}{3}}$$

$$\textcircled{8} \quad \frac{12}{24} = \underline{\frac{1}{2}}$$

$$\textcircled{9} \quad \frac{40}{50} = \underline{\frac{4}{5}}$$

$$\textcircled{10} \quad \frac{10}{20} = \underline{\frac{1}{2}}$$

$$\textcircled{11} \quad \frac{35}{42} = \underline{\frac{5}{6}}$$

$$\textcircled{12} \quad \frac{16}{24} = \underline{\frac{2}{3}}$$

$$\textcircled{13} \quad \frac{8}{24} = \underline{\frac{1}{3}}$$

$$\textcircled{14} \quad \frac{6}{15} = \underline{\frac{2}{5}}$$

$$\textcircled{15} \quad \frac{24}{48} = \underline{\frac{1}{2}}$$

$$\textcircled{16} \quad \frac{5}{30} = \underline{\frac{1}{6}}$$

$$\textcircled{17} \quad \frac{16}{24} = \underline{\frac{2}{3}}$$

$$\textcircled{18} \quad \frac{3}{6} = \underline{\frac{1}{2}}$$

$$\textcircled{19} \quad \frac{6}{12} = \underline{\frac{1}{2}}$$

$$\textcircled{20} \quad \frac{9}{18} = \underline{\frac{1}{2}}$$

Score:

**E 1.4.1**

1

19	+	15	+	5	=	39
+		+		+		+
8	+	13	+	14	=	35
+		+		+		+
24	+	5	+	9	=	38
=		=		=		=
51	+	33	+	28	=	112

2

40	-	13	-	7	=	20
-		-		-		-
18	-	1	-	4	=	13
-		-		-		-
5	-	3	-	1	=	1
=		=		=		=
17	-	9	-	2	=	6

3

21	-	6	+	18	=	33
-		+		-		+
6	+	4	-	9	=	1
+		-		+		+
12	-	1	+	27	=	38
=		=		=		=
27	+	9	+	36	=	72

4

24	-	10	+	16	=	30
-		+		-		+
10	+	30	-	6	=	34
+		-		+		+
11	-	1	+	27	=	37
=		=		=		=
25	+	39	+	37	=	101

## 2 Quiz 1 Answers

- (1) a. 517, b. 362, 449 ; (2) a. CMXX, b. DCCIV, c MCCV ;
- (3) a. 3 hundreds, b. 3 units, c. 3 thousands ;
- (4) a.  $(7 \times 100) + (2 \times 10) + (3 \times 1)$ , b.  $(3 \times 1000) + (4 \times 100) + (1 \times 10) + (2 \times 1)$ ;
- c.  $(4 \times 1000) + (9 \times 100) + (2 \times 10) + (7 \times 1)$ ;
- (5) a.  $6^3$  ; b.  $2^4$  ; c.  $10^4$  ; d.  $3 \times 10^3$  ; e.  $(2 \times 10^4) + (4 \times 10^2) + (6 \times 10^1) + (3 \times 10^0)$ ;
- f.  $(5 \times 10^5) + (3 \times 10^4) + (2 \times 10^3) + (8 \times 10^1) + (9 \times 10^0)$ ;
- (6) a. 1050 , b. 2400, c. 1950, d. 39100 , e. 12310 ;
- (7) a. 2300, b. 3500, c. 2900, d. 21000, e. 97700 ;
- (8) a. 1000, b. 3000, c. 3000, d. 39000, 39000 ;
- (9) a. 13, b. 4, c. 20, d. 42, e. 103 ;
- (10) a. 20, b. 2, c. 112, d. 61, e. 29, f. 14, g. 8.03, h. 41.25, i. 4.8 ;
- (11) a.  $\frac{2}{3}$ , b.  $\frac{1}{12}$ , c.  $\frac{1}{12}$ , d.  $\frac{1}{2}$ , e.  $\frac{1}{7}$ , f.  $10\frac{1}{3}$ ;
- (12) a. 3, b. 3, c. 18, d. 5, e. 14, f. 9;
- (13) 2 hrs 23 min ; (14) 98 cm ; (15) 1008 books ;