Exercise 10 (B)

1) a) 3.5 + 16.08 + 125.073

$$\begin{array}{r} {\scriptstyle (1)} \\ 3.500 \\ 16.080 \\ +125.073 \\ \hline 144.653 \end{array}$$

b) 20.25 + 0.2025 + 2.025 + 202 + 5

$$\begin{array}{r} 20.2500 \\ 0.2025 \\ 2.0250 \\ 202.5000 \\ \hline 224.9775 \end{array}$$

c) 44.6 + 80.6 + 96.0 + 0.75

$$\begin{array}{r} {\scriptstyle (1)\,(1)} \\ 44.60 \\ 80.60 \\ 96.00 \\ 0.75 \\ \hline 221.95 \end{array}$$

d) 6.048 + 0.648 + 6.48

~~6.048~~

```
 ①  ① ①
 6 . 0 6 4 8
 0 . 6 4 8 0
 6 . 4 8 0 0
 ___________
13 . 1 9 2 8
```

e) 56.0204 + 16.0748 + 25.5

```
  ①    ①
  56.0204
  16.0748
+ 25.5000
 ________
  97.5952
```

f) 9.09 + 99.9 + 999.9 + 9.9099

```
   ②
    9.0900
   99.9000
  999.9000
+   9.9099
 _________
     .7999
```

g) $10.1 + 10001 + 11011 + 1000$

$$
\begin{array}{r}
10.1000 \\
100.0100 \\
1.1011 \\
1000.0000 \\
\hline
1111.2111
\end{array}
$$

h) $3.24 + 20.076 + 6.793 + 526.3$

$$
\begin{array}{r}
{\scriptstyle (2)\quad (1)} \\
3.240 \\
20.760 \\
6.793 \\
+526.300 \\
\hline
557.093
\end{array}
$$

2) a) 0.36 - 0.2431

~~0.2431~~ 5 9
~~0.36~~ 0.3 ~~6~~ ~~0~~ 10
− 0.2431
0.1169

b) 0.705 − 0.598

6 9
0. ~~7~~ ~~0~~ 15
− 0.598
0.107

c) 0.02 − 0.002

1
0.0 ~~2~~ 10
0.002
0.018

d) 0.75 − 0.2431

4 9
0.7 ~~5~~ ~~0~~ 10
0.2431
0.5069

e) 0.7148 − 0.43

6
0.7148
0.4300
0.2848

f) 11.0061 − 9.7

10
11.10061
− 9.7000
1.3061

g) 100 − 75.0336

0 9 9 9 9 9
100.0000
− 75.0336
24.9664

h) 0.3568 − 0.1709

2 5
0.3 15 6 18
0.1709
0.1859