Worksheet

05/29/2018

Free on dw-math.com

Problem quickname: 4950

<u>1)</u>

Calculate the result. Proceed by filling up place values in ascending order as shown in example a).

a) 87-11=76 steps:
$$
\begin{array}{rcrcr}
11 & + & 6 & = & 17 \\
17 & + & 70 & = & 87 \\
\hline
& & 76 & &
\end{array}
$$

b) 68-5=63 steps:
$$
\begin{array}{rcrcr}
5 & + & 3 & = & 8 \\
8 & + & 60 & = & 68 \\
\hline
& & 63 & &
\end{array}
$$

c) 13-6=7 steps:
$$
\begin{array}{rcrcr}
6 & + & 7 & = & 13 \\
\hline
& & 7 & &
\end{array}
$$

d) 94-33=61 steps:
$$
\begin{array}{rcrcr}
33 & + & 1 & = & 34 \\
34 & + & 60 & = & 94 \\
\hline
& & 61 & &
\end{array}
$$

e) 83-58=25 steps:
$$
\begin{array}{rcrcr}
58 & + & 5 & = & 63 \\
63 & + & 20 & = & 83 \\
\hline
& & 25 & &
\end{array}
$$

f) 43-36=7 steps:
$$
\begin{array}{rcrcr}
36 & + & 7 & = & 43 \\
\hline
& & 7 & &
\end{array}
$$

g) 28-7=21 steps:
$$
\begin{array}{rcrcr}
7 & + & 1 & = & 8 \\
8 & + & 20 & = & 28 \\
\hline
& & 21 & &
\end{array}
$$

h) 82-58=24 steps:
$$
\begin{array}{rcrcr}
58 & + & 4 & = & 62 \\
62 & + & 20 & = & 82 \\
\hline
& & 24 & &
\end{array}
$$

i) 81-44=37 steps:
$$
\begin{array}{rcrcr}
44 & + & 7 & = & 51 \\
51 & + & 30 & = & 81 \\
\hline
& & 37 & &
\end{array}
$$

j) 60-12=48 steps:
$$
\begin{array}{rcrcr}
12 & + & 8 & = & 20 \\
20 & + & 40 & = & 60 \\
\hline
& & 48 & &
\end{array}
$$

<u>2)</u>

Calculate the result. Proceed by filling up place values in ascending order as shown in example a).

a) 478-45=433 steps:
$$
\begin{array}{rcrcr}
45 & + & 3 & = & 48 \\
48 & + & 30 & = & 78 \\
78 & + & 400 & = & 478 \\
\hline
& & 433 & &
\end{array}
$$

b) 437-30=407 steps:

30	+	7	=	37
37	+	400	=	437
		407		

c) 623-43=580 steps:

43	+	80	=	123
123	+	500	=	623
		580		

d) 264-66=198 steps:

66	+	8	=	74
74	+	90	=	164
164	+	100	=	264
		198		

e) 326-22=304 steps:

22	+	4	=	26
26	+	300	=	326
		304		

f) 655-10=645 steps:

10	+	5	=	15
15	+	40	=	55
55	+	600	=	655
		645		

g) 333-98=235 steps:

98	+	5	=	103
103	+	30	=	133
133	+	200	=	333
		235		

h) 882-21=861 steps:

21	+	1	=	22
22	+	60	=	82
82	+	800	=	882
		861		

i) 608-50=558 steps:

50	+	8	=	58
58	+	50	=	108
108	+	500	=	608
		558		

j) 863-78=785 steps:

78	+	5	=	83
83	+	80	=	163
163	+	700	=	863
		785		

<u>3)</u>

Quick:
4950

Calculate the result. Proceed by filling up place values in ascending order as shown in example a).

a) 2000-91=1909 steps:

91	+	9	=	100
100	+	900	=	1000
1000	+	1000	=	2000
		1909		

b) 3000-9=2991 steps:

9	+	1	=	10
10	+	90	=	100
100	+	900	=	1000
1000	+	2000	=	3000

$$2991$$

c) 5000-10=4990 steps:

10	+	90	=	100
100	+	900	=	1000
1000	+	4000	=	5000

$$4990$$

d) 4000-59=3941 steps:

59	+	1	=	60
60	+	40	=	100
100	+	900	=	1000
1000	+	3000	=	4000

$$3941$$

e) 7000-1=6999 steps:

1	+	9	=	10
10	+	90	=	100
100	+	900	=	1000
1000	+	6000	=	7000

$$6999$$

f) 6000-14=5986 steps:

14	+	6	=	20
20	+	80	=	100
100	+	900	=	1000
1000	+	5000	=	6000

$$5986$$

g) 4000-88=3912 steps:

88	+	2	=	90
90	+	10	=	100
100	+	900	=	1000
1000	+	3000	=	4000

$$3912$$

h) 7000-58=6942 steps:

58	+	2	=	60
60	+	40	=	100
100	+	900	=	1000
1000	+	6000	=	7000

$$6942$$

i) 4000-61=3939 steps:

61	+	9	=	70
70	+	30	=	100
100	+	900	=	1000
1000	+	3000	=	4000

$$3939$$

15	+	5	=	20
20	+	80	=	100
100	+	900	=	1000
1000	+	4000	=	5000

j) 5000-15=4985 steps:

4985

4)

Calculate the result. Proceed by filling up place values in ascending order as shown in example a).

a) 755292-7082=748210 steps:

7082	+	10	=	7092
7092	+	200	=	7292
7292	+	8000	=	15292
15292	+	40000	=	55292
55292	+	700000	=	755292

748210

b) 305398-6788=298610 steps:

6788	+	10	=	6798
6798	+	600	=	7398
7398	+	8000	=	15398
15398	+	90000	=	105398
105398	+	200000	=	305398

298610

c) 202543-6699=195844 steps:

6699	+	4	=	6703
6703	+	40	=	6743
6743	+	800	=	7543
7543	+	5000	=	12543
12543	+	90000	=	102543
102543	+	100000	=	202543

195844

d) 416206-4518=411688 steps:

4518	+	8	=	4526
4526	+	80	=	4606
4606	+	600	=	5206
5206	+	1000	=	6206
6206	+	10000	=	16206
16206	+	400000	=	416206

411688

e) 869344-8773=860571 steps:

8773	+	1	=	8774
8774	+	70	=	8844
8844	+	500	=	9344
9344	+	60000	=	69344
69344	+	800000	=	869344

860571

f) 135231-1670=133561 steps:

1670	+	1	=	1671
1671	+	60	=	1731
1731	+	500	=	2231
2231	+	3000	=	5231
5231	+	30000	=	35231
35231	+	100000	=	135231
		133561		

g) 391622-4837=386785 steps:

4837	+	5	=	4842
4842	+	80	=	4922
4922	+	700	=	5622
5622	+	6000	=	11622
11622	+	80000	=	91622
91622	+	300000	=	391622
		386785		

h) 721296-7645=713651 steps:

7645	+	1	=	7646
7646	+	50	=	7696
7696	+	600	=	8296
8296	+	3000	=	11296
11296	+	10000	=	21296
21296	+	700000	=	721296
		713651		

i) 268125-1277=266848 steps:

1277	+	8	=	1285
1285	+	40	=	1325
1325	+	800	=	2125
2125	+	6000	=	8125
8125	+	60000	=	68125
68125	+	200000	=	268125
		266848		

j) 198811-1197=197614 steps:

1197	+	4	=	1201
1201	+	10	=	1211
1211	+	600	=	1811
1811	+	7000	=	8811
8811	+	90000	=	98811
98811	+	100000	=	198811
		197614		

Good Luck!