

Worksheet

05/29/2018

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Problem quickname: 4950

1)

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

Quick:
4950

$$\begin{array}{r} 25 + 7 = 32 \\ \text{a) } 82-25=57 \text{ steps: } \begin{array}{r} 32 + 50 = 82 \\ \hline 57 \end{array} \end{array}$$

$$\begin{array}{r} 36 + 2 = 38 \\ \text{b) } 68-36=32 \text{ steps: } \begin{array}{r} 38 + 30 = 68 \\ \hline 32 \end{array} \end{array}$$

$$\begin{array}{r} 17 + 9 = 26 \\ \text{c) } 36-17=19 \text{ steps: } \begin{array}{r} 26 + 10 = 36 \\ \hline 19 \end{array} \end{array}$$

$$\begin{array}{r} 56 + 8 = 64 \\ \text{d) } 64-56=8 \text{ steps: } \begin{array}{r} 8 \end{array} \end{array}$$

$$\begin{array}{r} 26 + 4 = 30 \\ \text{e) } 40-26=14 \text{ steps: } \begin{array}{r} 30 + 10 = 40 \\ \hline 14 \end{array} \end{array}$$

$$\begin{array}{r} 2 + 1 = 3 \\ \text{f) } 13-2=11 \text{ steps: } \begin{array}{r} 3 + 10 = 13 \\ \hline 11 \end{array} \end{array}$$

$$\begin{array}{r} 12 + 4 = 16 \\ \text{g) } 66-12=54 \text{ steps: } \begin{array}{r} 16 + 50 = 66 \\ \hline 54 \end{array} \end{array}$$

$$\begin{array}{r} 31 + 6 = 37 \\ \text{h) } 57-31=26 \text{ steps: } \begin{array}{r} 37 + 20 = 57 \\ \hline 26 \end{array} \end{array}$$

$$\begin{array}{r} 34 + 4 = 38 \\ \text{i) } 88-34=54 \text{ steps: } \begin{array}{r} 38 + 50 = 88 \\ \hline 54 \end{array} \end{array}$$

$$\text{j) } 14-5=9 \text{ steps: } \begin{array}{r} 5 + 9 = 14 \\ \hline 9 \end{array}$$

2)

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

Quick:
4950

example a).

$$\begin{array}{r} 99 + 6 = 105 \\ 105 + 50 = 155 \\ \text{a) } 355-99=256 \text{ steps: } 155 + 200 = 355 \\ \hline 256 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 2 + 6 = 8 \\ 8 + 10 = 18 \\ \text{b) } 718-2=716 \text{ steps: } 18 + 700 = 718 \\ \hline 716 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 12 + 9 = 21 \\ 21 + 90 = 111 \\ \text{c) } 211-12=199 \text{ steps: } 111 + 100 = 211 \\ \hline 199 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 45 + 6 = 51 \\ 51 + 90 = 141 \\ \text{d) } 441-45=396 \text{ steps: } 141 + 300 = 441 \\ \hline 396 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 51 + 7 = 58 \\ 58 + 600 = 658 \\ \text{e) } 658-51=607 \text{ steps: } 58 + 600 = 658 \\ \hline 607 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 35 + 8 = 43 \\ 43 + 200 = 243 \\ \text{f) } 243-35=208 \text{ steps: } 43 + 200 = 243 \\ \hline 208 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 40 + 7 = 47 \\ 47 + 70 = 117 \\ \text{g) } 617-40=577 \text{ steps: } 117 + 500 = 617 \\ \hline 577 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 24 + 7 = 31 \\ 31 + 60 = 91 \\ \text{h) } 291-24=267 \text{ steps: } 91 + 200 = 291 \\ \hline 267 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 47 + 1 = 48 \\ 48 + 30 = 78 \\ \text{i) } 678-47=631 \text{ steps: } 78 + 600 = 678 \\ \hline 631 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 63 + 4 = 67 \\ 67 + 20 = 87 \\ \text{j) } 287-63=224 \text{ steps: } 87 + 200 = 287 \\ \hline 224 \\ \hline \hline \end{array}$$

3)

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

Quick:
4950

example a).

	46 + 4 = 50
	50 + 50 = 100
a) 4000-46=3954 steps:	100 + 900 = 1000
	1000 + 3000 = 4000
	<hr style="border-top: 1px solid black;"/> 3954 <hr style="border-top: 3px double black;"/>
	83 + 7 = 90
	90 + 10 = 100
b) 5000-83=4917 steps:	100 + 900 = 1000
	1000 + 4000 = 5000
	<hr style="border-top: 1px solid black;"/> 4917 <hr style="border-top: 3px double black;"/>
	71 + 9 = 80
	80 + 20 = 100
c) 2000-71=1929 steps:	100 + 900 = 1000
	1000 + 1000 = 2000
	<hr style="border-top: 1px solid black;"/> 1929 <hr style="border-top: 3px double black;"/>
	62 + 8 = 70
	70 + 30 = 100
d) 4000-62=3938 steps:	100 + 900 = 1000
	1000 + 3000 = 4000
	<hr style="border-top: 1px solid black;"/> 3938 <hr style="border-top: 3px double black;"/>
	62 + 8 = 70
	70 + 30 = 100
e) 2000-62=1938 steps:	100 + 900 = 1000
	1000 + 1000 = 2000
	<hr style="border-top: 1px solid black;"/> 1938 <hr style="border-top: 3px double black;"/>
	15 + 5 = 20
	20 + 80 = 100
f) 4000-15=3985 steps:	100 + 900 = 1000
	1000 + 3000 = 4000
	<hr style="border-top: 1px solid black;"/> 3985 <hr style="border-top: 3px double black;"/>
	21 + 9 = 30
	30 + 70 = 100
g) 2000-21=1979 steps:	100 + 900 = 1000
	1000 + 1000 = 2000
	<hr style="border-top: 1px solid black;"/> 1979 <hr style="border-top: 3px double black;"/>
	31 + 9 = 40
	40 + 60 = 100
h) 7000-31=6969 steps:	100 + 900 = 1000
	1000 + 6000 = 7000
	<hr style="border-top: 1px solid black;"/> 6969 <hr style="border-top: 3px double black;"/>

$$\begin{array}{r}
 75 + 5 = 80 \\
 80 + 20 = 100 \\
 \text{i) } 5000-75=4925 \text{ steps: } 100 + 900 = 1000 \\
 1000 + 4000 = 5000 \\
 \hline
 4925 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 68 + 2 = 70 \\
 70 + 30 = 100 \\
 \text{j) } 5000-68=4932 \text{ steps: } 100 + 900 = 1000 \\
 1000 + 4000 = 5000 \\
 \hline
 4932 \\
 \hline
 \hline
 \end{array}$$

4)

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

Quick:
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$$\begin{array}{r}
 6065 + 7 = 6072 \\
 6072 + 40 = 6112 \\
 6112 + 800 = 6912 \\
 \text{a) } 466912-6065=460847 \text{ steps: } 6912 + 60000 = 66912 \\
 66912 + 400000 = 466912 \\
 \hline
 460847 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 1825 + 1 = 1826 \\
 1826 + 30 = 1856 \\
 1856 + 600 = 2456 \\
 \text{b) } 149456-1825=147631 \text{ steps: } 2456 + 7000 = 9456 \\
 9456 + 40000 = 49456 \\
 49456 + 100000 = 149456 \\
 \hline
 147631 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 5385 + 9 = 5394 \\
 5394 + 70 = 5464 \\
 5464 + 300 = 5764 \\
 \text{c) } 941764-5385=936379 \text{ steps: } 5764 + 6000 = 11764 \\
 11764 + 30000 = 41764 \\
 41764 + 900000 = 941764 \\
 \hline
 936379 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 905 + 8 = 913 \\
 913 + 20 = 933 \\
 933 + 900 = 1833 \\
 \text{d) } 647833-905=646928 \text{ steps: } 1833 + 6000 = 7833 \\
 7833 + 40000 = 47833 \\
 47833 + 600000 = 647833 \\
 \hline
 646928 \\
 \hline
 \hline
 \end{array}$$

Solutions to smp-4950-3/QXIR

	2577	+	7	=	2584
	2584	+	30	=	2614
	2614	+	200	=	2814
e) 796814-2577=794237 steps:	2814	+	4000	=	6814
	6814	+	90000	=	96814
	96814	+	700000	=	796814
	794237				
	8812	+	1	=	8813
	8813	+	50	=	8863
	8863	+	800	=	9663
f) 533663-8812=524851 steps:	9663	+	4000	=	13663
	13663	+	20000	=	33663
	33663	+	500000	=	533663
	524851				
	8875	+	1	=	8876
	8876	+	40	=	8916
	8916	+	200	=	9116
g) 476116-8875=467241 steps:	9116	+	7000	=	16116
	16116	+	60000	=	76116
	76116	+	400000	=	476116
	467241				
	621	+	9	=	630
	630	+	900	=	1530
	1530	+	2000	=	3530
h) 443530-621=442909 steps:	3530	+	40000	=	43530
	43530	+	400000	=	443530
	442909				
	6223	+	9	=	6232
	6232	+	10	=	6242
	6242	+	100	=	6342
i) 349342-6223=343119 steps:	6342	+	3000	=	9342
	9342	+	40000	=	49342
	49342	+	300000	=	349342
	343119				
	8615	+	2	=	8617
	8617	+	50	=	8667
	8667	+	500	=	9167
j) 273167-8615=264552 steps:	9167	+	4000	=	13167
	13167	+	60000	=	73167
	73167	+	200000	=	273167
	264552				

Good Luck!