

Solve each problem.

7	7	7	7	7	7	7	7	7	7
+ 5	+ 6	+ 10	+ 2	+ 3	+ 7	+ 4	+ 9	+ 8	+ 1
<u>12</u>	<u>13</u>	<u>17</u>	<u>9</u>	<u>10</u>	<u>14</u>	<u>11</u>	<u>16</u>	<u>15</u>	<u>8</u>

7	7	7	7	7	7	7	7	7	7
+ 5	+ 2	+ 6	+ 9	+ 1	+ 10	+ 3	+ 7	+ 8	+ 4
12	9	13	16	8	17	10	14	15	11

7	7	7	7	7	7	7	7	7	7
<u>+ 2</u>	<u>+ 6</u>	<u>+ 5</u>	<u>+ 7</u>	<u>+ 1</u>	<u>+ 9</u>	<u>+ 8</u>	<u>+ 4</u>	<u>+ 10</u>	<u>+ 3</u>
9	13	12	14	8	16	15	11	17	10

7	7	7	7	7	7	7	7	7	7
+ 6	+ 10	+ 5	+ 9	+ 4	+ 3	+ 7	+ 2	+ 1	+ 8
13	17	12	16	11	10	14	9	8	15

7	7	7	7	7	7	7	7	7	7
+ 10	+ 5	+ 6	+ 1	+ 2	+ 4	+ 3	+ 7	+ 9	+ 8
17	12	13	8	9	11	10	14	16	15

6	3	8	2	9	5	4	10	1	7
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
13	10	15	9	16	12	11	17	8	14

7	8	5	4	2	10	6	1	3	9
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
14	15	12	11	9	17	13	8	10	16

5	9	10	4	8	6	1	7	2	3
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
12	16	17	11	15	13	8	14	9	10

7	2	10	5	9	3	8	1	6	4
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
14	9	17	12	16	10	15	8	13	11

7	6	5	4	8	10	1	2	3	9
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
14	13	12	11	15	17	8	9	10	16



Solve each problem.

7	7	7	7	7	7	7	7	7	7
+ 8	+ 2	+ 4	+ 3	+ 5	+ 9	+ 1	+ 6	+ 10	+ 7
15	9	11	10	12	16	8	13	17	14

7	7	7	7	7	7	7	7	7	7
+ 4	+ 1	+ 9	+ 6	+ 10	+ 8	+ 5	+ 3	+ 2	+ 7
11	8	16	13	17	15	12	10	9	14

7	7	7	7	7	7	7	7	7	7
<u>+ 6</u>	<u>+ 4</u>	<u>+ 8</u>	<u>+ 1</u>	<u>+ 3</u>	<u>+ 9</u>	<u>+ 10</u>	<u>+ 5</u>	<u>+ 7</u>	<u>+ 2</u>
13	11	15	8	10	16	17	12	14	9

7	7	7	7	7	7	7	7	7	7
+ 6	+ 4	+ 10	+ 1	+ 2	+ 9	+ 8	+ 7	+ 3	+ 5
13	11	17	8	9	16	15	14	10	12

7	7	7	7	7	7	7	7	7	7
+ 8	+ 10	+ 4	+ 6	+ 9	+ 5	+ 1	+ 3	+ 2	+ 7
15	17	11	13	16	12	8	10	9	14

10	5	4	3	8	2	6	9	7	1
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
17	12	11	10	15	9	13	16	14	8

7	8	9	10	4	3	6	2	1	5
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
14	15	16	17	11	10	13	9	8	12

3	1	9	6	4	8	5	2	7	10
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
10	8	16	13	11	15	12	9	14	17

7	4	9	1	8	2	5	3	6	10
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
14	11	16	8	15	9	12	10	13	17

9	7	5	8	3	1	10	2	4	6
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
16	14	12	15	10	8	17	9	11	13



Solve each problem.

7	7	7	7	7	7	7	7	7	7
+ 3	+ 10	+ 9	+ 1	+ 6	+ 8	+ 5	+ 7	+ 4	+ 2
10	17	16	8	13	15	12	14	11	9

7	7	7	7	7	7	7	7	7	7
+ 3	+ 2	+ 9	+ 8	+ 6	+ 5	+ 1	+ 7	+ 4	+ 10
10	9	16	15	13	12	8	14	11	17

7	7	7	7	7	7	7	7	7	7
+ 8	+ 9	+ 2	+ 10	+ 7	+ 6	+ 3	+ 5	+ 4	+ 1
15	16	9	17	14	13	10	12	11	8

7	7	7	7	7	7	7	7	7	7
<u>+ 3</u>	<u>+ 9</u>	<u>+ 2</u>	<u>+ 10</u>	<u>+ 5</u>	<u>+ 7</u>	<u>+ 8</u>	<u>+ 1</u>	<u>+ 4</u>	<u>+ 6</u>
10	16	9	17	12	14	15	8	11	13

7	7	7	7	7	7	7	7	7	7
<u>+ 2</u>	<u>+ 5</u>	<u>+ 10</u>	<u>+ 4</u>	<u>+ 3</u>	<u>+ 1</u>	<u>+ 9</u>	<u>+ 8</u>	<u>+ 6</u>	<u>+ 7</u>
9	12	17	11	10	8	16	15	13	14

1	7	5	10	4	9	3	6	8	2
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
8	14	12	17	11	16	10	13	15	9

4	2	3	8	1	5	10	7	9	6
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
11	9	10	15	8	12	17	14	16	13

7	5	10	9	8	2	1	4	3	6
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
14	12	17	16	15	9	8	11	10	13

5	10	9	2	6	7	8	3	4	1
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
12	17	16	9	13	14	15	10	11	8

10	9	5	4	1	8	3	7	2	6
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
17	16	12	11	8	15	10	14	9	13



Solve each problem.

7	7	7	7	7	7	7	7	7	7
+ 5	+ 2	+ 1	+ 9	+ 6	+ 10	+ 3	+ 7	+ 4	+ 8
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
12	9	8	16	13	17	10	14	11	15

7	7	7	7	7	7	7	7	7	7
+ 2	+ 3	+ 10	+ 8	+ 7	+ 1	+ 5	+ 9	+ 6	+ 4
9	10	17	15	14	8	12	16	13	11

7	7	7	7	7	7	7	7	7	7
+ 3	+ 4	+ 7	+ 10	+ 6	+ 9	+ 8	+ 1	+ 5	+ 2
10	11	14	17	13	16	15	8	12	9

7	7	7	7	7	7	7	7	7	7
+ 7	+ 3	+ 1	+ 2	+ 5	+ 6	+ 8	+ 9	+ 10	+ 4
14	10	8	9	12	13	15	16	17	11

7	7	7	7	7	7	7	7	7	7
<u>+ 6</u>	<u>+ 9</u>	<u>+ 1</u>	<u>+ 2</u>	<u>+ 3</u>	<u>+ 7</u>	<u>+ 5</u>	<u>+ 8</u>	<u>+ 10</u>	<u>+ 4</u>
13	16	8	9	10	14	12	15	17	11

4	10	2	7	1	5	6	9	8	3
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
11	17	9	14	8	12	13	16	15	10

9	1	5	8	10	2	4	3	6	7
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
16	8	12	15	17	9	11	10	13	14

1	6	8	7	5	9	3	10	2	4
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
8	13	15	14	12	16	10	17	9	11

6	3	10	4	9	2	7	1	8	5
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
13	10	17	11	16	9	14	8	15	12

3	1	2	10	8	5	7	6	4	9
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
10	8	9	17	15	12	14	13	11	16

Solve each problem.

7	7	7	7	7	7	7	7	7	7
<u>+ 10</u>	<u>+ 3</u>	<u>+ 1</u>	<u>+ 5</u>	<u>+ 4</u>	<u>+ 6</u>	<u>+ 2</u>	<u>+ 8</u>	<u>+ 9</u>	<u>+ 7</u>
17	10	8	12	11	13	9	15	16	14

7	7	7	7	7	7	7	7	7	7
+ 9	+ 2	+ 1	+ 10	+ 4	+ 8	+ 6	+ 7	+ 5	+ 3
16	9	8	17	11	15	13	14	12	10

7	7	7	7	7	7	7	7	7	7
+ 5	+ 7	+ 4	+ 2	+ 8	+ 1	+ 6	+ 9	+ 10	+ 3
<u>12</u>	<u>14</u>	<u>11</u>	<u>9</u>	<u>15</u>	<u>8</u>	<u>13</u>	<u>16</u>	<u>17</u>	<u>10</u>

7	7	7	7	7	7	7	7	7	7
+ 5	+ 9	+ 8	+ 7	+ 6	+ 1	+ 2	+ 4	+ 3	+ 10
<u>12</u>	<u>16</u>	<u>15</u>	<u>14</u>	<u>13</u>	<u>8</u>	<u>9</u>	<u>11</u>	<u>10</u>	<u>17</u>

7	7	7	7	7	7	7	7	7	7
+ 8	+ 2	+ 9	+ 1	+ 5	+ 7	+ 10	+ 6	+ 4	+ 3
15	9	16	8	12	14	17	13	11	10

7	3	8	5	10	1	4	2	6	9
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
14	10	15	12	17	8	11	9	13	16

7	4	10	3	2	9	5	6	8	1
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
14	11	17	10	9	16	12	13	15	8

9	3	5	1	6	2	10	7	4	8
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
16	10	12	8	13	9	17	14	11	15

7	10	8	4	1	9	3	2	6	5
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
14	17	15	11	8	16	10	9	13	12

5	6	2	4	10	1	9	8	7	3
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
12	13	9	11	17	8	16	15	14	10

Solve each problem.

7	7	7	7	7	7	7	7	7	7
+ 6	+ 9	+ 8	+ 4	+ 7	+ 3	+ 1	+ 2	+ 10	+ 5
13	16	15	11	14	10	8	9	17	12

7	7	7	7	7	7	7	7	7	7
<u>+ 1</u>	<u>+ 4</u>	<u>+ 10</u>	<u>+ 3</u>	<u>+ 7</u>	<u>+ 2</u>	<u>+ 6</u>	<u>+ 8</u>	<u>+ 9</u>	<u>+ 5</u>
8	11	17	10	14	9	13	15	16	12

7	7	7	7	7	7	7	7	7	7
+ 9	+ 7	+ 4	+ 8	+ 5	+ 1	+ 6	+ 10	+ 2	+ 3
16	14	11	15	12	8	13	17	9	10

7	7	7	7	7	7	7	7	7	7
+ 9	+ 5	+ 2	+ 10	+ 6	+ 7	+ 4	+ 3	+ 1	+ 8
16	12	9	17	13	14	11	10	8	15

7	7	7	7	7	7	7	7	7	7
+ 6	+ 10	+ 3	+ 7	+ 5	+ 8	+ 2	+ 9	+ 4	+ 1
13	17	10	14	12	15	9	16	11	8

8	3	1	4	10	9	7	6	5	2
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
15	10	8	11	17	16	14	13	12	9

6	5	2	8	3	9	7	1	4	10
$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$
13	12	9	15	10	16	14	8	11	17

5	7	3	8	2	4	10	6	1	9
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
12	14	10	15	9	11	17	13	8	16

4	1	6	2	3	8	5	10	9	7
$\begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline 13 \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array}$	$\begin{array}{r} 10 \\ + 7 \\ \hline 17 \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$
11	8	13	9	10	15	12	17	16	14

6	8	7	4	10	2	5	3	1	9
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
13	15	14	11	17	9	12	10	8	16

Solve each problem.

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 10 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{cccccccccc} 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 \\ + 6 & + 10 & + 9 & + 1 & + 8 & + 7 & + 2 & + 4 & + 5 & + 3 \end{array}$$

7	7	7	7	7	7	7	7	7	7
+ 2	+ 8	+ 3	+ 7	+ 6	+ 5	+ 4	+ 9	+ 10	+ 1

$$\begin{array}{cccccccccc} 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 \\ + 5 & + 2 & + 10 & + 6 & + 1 & + 4 & + 8 & + 7 & + 9 & + 3 \end{array}$$

7	7	7	7	7	7	7	7	7	7
+ 2	+ 4	+ 8	+ 10	+ 6	+ 9	+ 1	+ 7	+ 3	+ 5

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Solve each problem.

7	7	7	7	7	7	7	7	7	7
<u>+ 1</u>	<u>+ 4</u>	<u>+ 9</u>	<u>+ 8</u>	<u>+ 3</u>	<u>+ 5</u>	<u>+ 7</u>	<u>+ 10</u>	<u>+ 6</u>	<u>+ 2</u>
8	11	16	15	10	12	14	17	13	9

7	7	7	7	7	7	7	7	7	7
<u>+ 6</u>	<u>+ 10</u>	<u>+ 9</u>	<u>+ 1</u>	<u>+ 8</u>	<u>+ 7</u>	<u>+ 2</u>	<u>+ 4</u>	<u>+ 5</u>	<u>+ 3</u>
13	17	16	8	15	14	9	11	12	10

7	7	7	7	7	7	7	7	7	7
<u>+ 2</u>	<u>+ 8</u>	<u>+ 3</u>	<u>+ 7</u>	<u>+ 6</u>	<u>+ 5</u>	<u>+ 4</u>	<u>+ 9</u>	<u>+ 10</u>	<u>+ 1</u>
9	15	10	14	13	12	11	16	17	8

7	7	7	7	7	7	7	7	7	7
<u>+ 5</u>	<u>+ 2</u>	<u>+ 10</u>	<u>+ 6</u>	<u>+ 1</u>	<u>+ 4</u>	<u>+ 8</u>	<u>+ 7</u>	<u>+ 9</u>	<u>+ 3</u>
12	9	17	13	8	11	15	14	16	10

7	7	7	7	7	7	7	7	7	7
+ 2	+ 4	+ 8	+ 10	+ 6	+ 9	+ 1	+ 7	+ 3	+ 5
9	11	15	17	13	16	8	14	10	12

9	6	3	5	4	1	2	8	7	10
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
16	13	10	12	11	8	9	15	14	17

2	3	9	6	8	5	10	1	7	4
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
9	10	16	13	15	12	17	8	14	11

3	8	2	1	7	4	10	5	6	9
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
10	15	9	8	14	11	17	12	13	16

8	9	3	10	5	4	2	6	7	1
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
15	16	10	17	12	11	9	13	14	8

4	2	6	3	5	8	1	9	7	10
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
11	9	13	10	12	15	8	16	14	17

Solve each problem.

7	7	7	7	7	7	7	7	7	7
<u>+ 1</u>	<u>+ 2</u>	<u>+ 5</u>	<u>+ 4</u>	<u>+ 10</u>	<u>+ 8</u>	<u>+ 7</u>	<u>+ 9</u>	<u>+ 6</u>	<u>+ 3</u>
8	9	12	11	17	15	14	16	13	10

7	7	7	7	7	7	7	7	7	7
+ 4	+ 2	+ 9	+ 6	+ 5	+ 10	+ 3	+ 1	+ 7	+ 8
11	9	16	13	12	17	10	8	14	15

7	7	7	7	7	7	7	7	7	7
<u>+ 1</u>	<u>+ 4</u>	<u>+ 3</u>	<u>+ 5</u>	<u>+ 7</u>	<u>+ 2</u>	<u>+ 10</u>	<u>+ 9</u>	<u>+ 6</u>	<u>+ 8</u>
8	11	10	12	14	9	17	16	13	15

7	7	7	7	7	7	7	7	7	7
<u>+ 2</u>	<u>+ 5</u>	<u>+ 3</u>	<u>+ 4</u>	<u>+ 10</u>	<u>+ 8</u>	<u>+ 6</u>	<u>+ 7</u>	<u>+ 9</u>	<u>+ 1</u>
9	12	10	11	17	15	13	14	16	8

7	7	7	7	7	7	7	7	7	7
+ 4	+ 5	+ 3	+ 1	+ 8	+ 6	+ 9	+ 10	+ 2	+ 7
11	12	10	8	15	13	16	17	9	14

2	7	3	5	1	6	9	4	10	8
$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$
9	14	10	12	8	13	16	11	17	15

7	10	6	9	3	4	5	1	8	2
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
14	17	13	16	10	11	12	8	15	9

10	3	4	8	2	1	6	7	9	5
$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$
17	10	11	15	9	8	13	14	16	12

9	4	2	5	6	3	8	10	7	1
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
16	11	9	12	13	10	15	17	14	8

5	8	3	1	6	2	9	7	10	4
+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7	+ 7
12	15	10	8	13	9	16	14	17	11

[illegible]

Solve each problem.

7	7	7	7	7	7	7	7	7	7
+ 5	+ 6	+ 3	+ 1	+ 9	+ 2	+ 10	+ 8	+ 4	+ 7
12	13	10	8	16	9	17	15	11	14

7	7	7	7	7	7	7	7	7	7
+ 9	+ 1	+ 8	+ 3	+ 2	+ 7	+ 10	+ 6	+ 4	+ 5
16	8	15	10	9	14	17	13	11	12

7	7	7	7	7	7	7	7	7	7
<u>+ 2</u>	<u>+ 5</u>	<u>+ 8</u>	<u>+ 1</u>	<u>+ 9</u>	<u>+ 4</u>	<u>+ 7</u>	<u>+ 6</u>	<u>+ 10</u>	<u>+ 3</u>
9	12	15	8	16	11	14	13	17	10

7	7	7	7	7	7	7	7	7	7
<u>+ 3</u>	<u>+ 2</u>	<u>+ 10</u>	<u>+ 8</u>	<u>+ 5</u>	<u>+ 6</u>	<u>+ 4</u>	<u>+ 1</u>	<u>+ 9</u>	<u>+ 7</u>
10	9	17	15	12	13	11	8	16	14

7	7	7	7	7	7	7	7	7	7
+ 2	+ 4	+ 10	+ 6	+ 7	+ 5	+ 3	+ 9	+ 1	+ 8
9	11	17	13	14	12	10	16	8	15

8	9	5	7	10	6	4	3	1	2
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
15	16	12	14	17	13	11	10	8	9

2	7	9	1	3	8	4	10	5	6
$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$
9	14	16	8	10	15	11	17	12	13

5	6	9	2	1	7	4	8	10	3
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
12	13	16	9	8	14	11	15	17	10

2	7	4	1	8	6	10	3	5	9
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
9	14	11	8	15	13	17	10	12	16

9	8	7	4	6	3	10	2	1	5
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
16	15	14	11	13	10	17	9	8	12

[illegible]

Solve each problem.

7	7	7	7	7	7	7	7	7	7
<u>+ 1</u>	<u>+ 9</u>	<u>+ 5</u>	<u>+ 10</u>	<u>+ 7</u>	<u>+ 4</u>	<u>+ 8</u>	<u>+ 3</u>	<u>+ 2</u>	<u>+ 6</u>
8	16	12	17	14	11	15	10	9	13

7	7	7	7	7	7	7	7	7	7
+ 4	+ 3	+ 9	+ 8	+ 6	+ 7	+ 2	+ 1	+ 10	+ 5
11	10	16	15	13	14	9	8	17	12

7	7	7	7	7	7	7	7	7	7
<u>+ 8</u>	<u>+ 2</u>	<u>+ 9</u>	<u>+ 10</u>	<u>+ 1</u>	<u>+ 7</u>	<u>+ 5</u>	<u>+ 4</u>	<u>+ 6</u>	<u>+ 3</u>
15	9	16	17	8	14	12	11	13	10

7	7	7	7	7	7	7	7	7	7
<u>+ 2</u>	<u>+ 7</u>	<u>+ 8</u>	<u>+ 5</u>	<u>+ 1</u>	<u>+ 6</u>	<u>+ 9</u>	<u>+ 10</u>	<u>+ 4</u>	<u>+ 3</u>
9	14	15	12	8	13	16	17	11	10

7	7	7	7	7	7	7	7	7	7
+ 8	+ 3	+ 7	+ 9	+ 2	+ 4	+ 10	+ 5	+ 6	+ 1
15	10	14	16	9	11	17	12	13	8

7	4	9	1	6	10	8	2	5	3
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
14	11	16	8	13	17	15	9	12	10

10	6	2	7	9	8	4	3	1	5
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
17	13	9	14	16	15	11	10	8	12

6	2	10	5	9	3	1	8	4	7
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
13	9	17	12	16	10	8	15	11	14

5	1	3	4	10	7	9	2	8	6
<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>	<u>+ 7</u>
12	8	10	11	17	14	16	9	15	13

3	5	6	8	7	2	9	10	1	4
$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$	$\begin{array}{r} + 7 \\ \hline \end{array}$
10	12	13	15	14	9	16	17	8	11