

Using Tens and Hundreds to Estimate Sums

NCTM Standards 1, 2, 6, 7, 8, 9

Circle the correct sentence.

- 1 $31 + 4$ The sum is in the thirties. The sum is in the forties.
-
- 2 $22 + 9$ The sum is in the twenties. The sum is in the thirties.
-
- 3 $14 + 53$ The sum is in the sixties. The sum is in the seventies.
-
- 4 $67 + 25$ The sum is in the eighties. The sum is in the nineties.
-
- 5 $39 + 38$ The sum is in the sixties. The sum is in the seventies.
-

Write only the tens digit for each sum.

<p>6</p> $\begin{array}{r} 15 \\ + 4 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> 1 </div>	<p>7</p> $\begin{array}{r} 18 \\ + 4 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> 2 </div>	<p>8</p> $\begin{array}{r} 13 \\ + 8 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> 2 </div>	<p>9</p> $\begin{array}{r} 28 \\ + 1 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>10</p> $\begin{array}{r} 14 \\ + 16 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>
<p>11</p> $\begin{array}{r} 12 \\ + 8 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>12</p> $\begin{array}{r} 17 \\ + 7 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>13</p> $\begin{array}{r} 22 \\ + 7 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>14</p> $\begin{array}{r} 18 \\ + 17 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>15</p> $\begin{array}{r} 14 \\ + 29 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>
<p>16</p> $\begin{array}{r} 16 \\ + 29 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>17</p> $\begin{array}{r} 31 \\ + 26 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>18</p> $\begin{array}{r} 39 \\ + 49 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>19</p> $\begin{array}{r} 50 \\ + 29 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>	<p>20</p> $\begin{array}{r} 47 \\ + 49 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px auto; display: flex; align-items: center; justify-content: center;"> </div>

Circle the correct sentence.

21 $329 + 418$ The sum is in the 700s. The sum is in the 800s.

22 $162 + 152$ The sum is in the 200s. The sum is in the 300s.

23 $571 + 335$ The sum is in the 800s. The sum is in the 900s.

24 $425 + 258$ The sum is in the 600s. The sum is in the 700s.

25 $361 + 195$ The sum is in the 400s. The sum is in the 500s.

Write only the hundreds digit for each sum.

26

$$\begin{array}{r} 738 \\ + 186 \\ \hline \end{array}$$

27

$$\begin{array}{r} 547 \\ + \quad 5 \\ \hline \end{array}$$

28

$$\begin{array}{r} 210 \\ + 566 \\ \hline \end{array}$$

29

$$\begin{array}{r} 675 \\ + 257 \\ \hline \end{array}$$

30

$$\begin{array}{r} 143 \\ + 592 \\ \hline \end{array}$$

31

$$\begin{array}{r} 416 \\ + \quad 9 \\ \hline \end{array}$$

32

$$\begin{array}{r} 384 \\ + 15 \\ \hline \end{array}$$

33

$$\begin{array}{r} 405 \\ + 477 \\ \hline \end{array}$$

34

$$\begin{array}{r} 327 \\ + 180 \\ \hline \end{array}$$



35 Challenge If you only want to know the hundreds digit of a sum, would you ever need to look at the ones digits in the problem? Explain.
