



# acadience®math

## Computation

### Grade 6 | Benchmark 1

### Teacher Key

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# Acadience® Math / Computation Grade 6 Benchmark 1 / Form A / Teacher Key

## Scoring Direction

←  
Right to Left  
or  
→  
Left to Right

# of digits correct  
in the final answer | score

<p>1.</p> $\begin{array}{r} 63.7 \\ + 25.2 \\ \hline 88.9 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	<p>2.</p> $\begin{array}{r} 2.93 \\ - 1.61 \\ \hline 1.32 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	<p>3.</p> $\begin{array}{r} 586 \\ \times 78 \\ \hline 45,708 \end{array}$ <p>←</p> <p>1   2 2   5 3   8 4   11 5   14</p>	<p>4.</p> $\begin{array}{r} 190 \\ 38 \overline{) 7220} \end{array}$ <p>→</p> <p>1   5 2   10 3   15</p>	<p>5.</p> $7 \frac{5}{6} - 4 \frac{6}{9} =$ <p><math>3 \frac{1}{6}</math> only (9)</p> <p>OR</p> <p><math>3 \frac{3}{6}</math> or equivalent</p> <p>←</p> <p>1   2 2   4 3   6 4   8</p>	<p>6.</p> $\begin{array}{r} 20.96 \\ + 19.76 \\ \hline 40.72 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4 5   5</p>	<p>7.</p> $\begin{array}{r} 53.70 \\ - 6.89 \\ \hline 46.81 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4 5   5</p>	<p>8.</p> $\begin{array}{r} 31.2 \\ \times 3.1 \\ \hline 96.72 \end{array}$ <p>←</p> <p>1   2 2   4 3   6 4   9 5   12</p>	<p>9.</p> $\begin{array}{r} 610 \\ 1.2 \overline{) 732} \end{array}$ <p>→</p> <p>1   3 2   6 3   10</p>	<p>10.</p> $\begin{array}{r} 4.96 \\ + 4.06 \\ \hline 9.02 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	<p>11.</p> $\begin{array}{r} 2.7 \\ \times 3 \\ \hline 8.1 \end{array}$ <p>←</p> <p>1   1 2   2 3   3</p>	<p>12.</p> $\begin{array}{r} 199 \\ 25 \overline{) 4975} \end{array}$ <p>→</p> <p>1   6 2   12 3   18</p>	<p>13.</p> $\begin{array}{r} 9.84 \\ \times 7.2 \\ \hline 70.848 \end{array}$ <p>←</p> <p>1   2 2   4 3   6 4   9 5   12 6   15</p>	<p>14.</p> $\begin{array}{r} .3 \\ 7.6 \overline{) 2.28} \end{array}$ <p>→</p> <p>1   3 2   6</p>	<p>15.</p> $\begin{array}{r} 5.44 \\ - 3.65 \\ \hline 1.79 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	<p>16.</p> $\begin{array}{r} 10.3 \\ 3.1 \overline{) 31.93} \end{array}$ <p>→</p> <p>1   4 2   7 3   10 4   14</p>
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# Acadience® Math / Computation Grade 6

## Benchmark 1 / Form B / Teacher Key

Scoring Direction

←  
Right to Left

or

→  
Left to Right

# of digits correct  
in the final answer | score

1. $\begin{array}{r} 60.1 \\ + 8.2 \\ \hline 68.3 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	2. $\begin{array}{r} 3.29 \\ - 2.18 \\ \hline 1.11 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	3. $\begin{array}{r} 789 \\ \times 78 \\ \hline 61,542 \end{array}$ <p>←</p> <p>1   2 2   5 3   8 4   11 5   14</p>	4. $\begin{array}{r} 30 \\ 53 \overline{)1590} \end{array}$ <p>→</p> <p>1   4 2   9</p>	___/31
5. $9 \frac{7}{9} - 4 \frac{2}{3} =$ <p>5 ← <math>\frac{1}{9}</math> or equivalent ←</p> <p>1   2 2   4 3   7</p>	6. $\begin{array}{r} 38.63 \\ + 24.58 \\ \hline 63.21 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4 5   5</p>	7. $\begin{array}{r} 33.64 \\ - 6.85 \\ \hline 26.79 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4 5   5</p>	8. $\begin{array}{r} 42.3 \\ \times 2.1 \\ \hline 88.83 \end{array}$ <p>←</p> <p>1   2 2   4 3   6 4   9 5   12</p>	___/29
9. $\begin{array}{r} 50 \\ 3.5 \overline{)175} \end{array}$ <p>→</p> <p>1   3 2   6</p>	10. $\begin{array}{r} 3.68 \\ + 3.37 \\ \hline 7.05 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	11. $\begin{array}{r} 4.9 \\ \times 2 \\ \hline 9.8 \end{array}$ <p>←</p> <p>1   1 2   2 3   3</p>	12. $\begin{array}{r} 225 \\ 31 \overline{)6975} \end{array}$ <p>→</p> <p>1   5 2   10 3   16</p>	___/29
13. $\begin{array}{r} 2.76 \\ \times 8.6 \\ \hline 23.736 \end{array}$ <p>←</p> <p>1   2 2   4 3   6 4   9 5   12 6   15</p>	14. $\begin{array}{r} 1.8 \\ 4.7 \overline{)8.46} \end{array}$ <p>→</p> <p>1   4 2   8 3   12</p>	15. $\begin{array}{r} 6.82 \\ - 1.97 \\ \hline 4.85 \end{array}$ <p>←</p> <p>1   1 2   2 3   3 4   4</p>	16. $\begin{array}{r} 10.7 \\ 1.3 \overline{)13.91} \end{array}$ <p>→</p> <p>1   4 2   7 3   10 4   14</p>	___/45