



acadience®math

Computation

Grade 5 | Benchmark 3

Teacher Key

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Acadience® Math / Computation Grade 5

Benchmark 3 / Form A / Teacher Key

of digits correct in the final answer | score

Scoring Direction

←
Right to Left
or
→
Left to Right

1. $\begin{array}{r} 6529 \\ +2983 \\ \hline 9512 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	2. $\begin{array}{r} 725 \\ \times 11 \\ \hline 7975 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	3. $9\frac{1}{2} - 5\frac{8}{10} =$ $3\frac{7}{10} \text{ only (15)}$ OR $\begin{array}{r} 37 \\ \leftarrow 10 \\ \hline \end{array} \text{ or equivalent}$ <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	4. $\begin{array}{r} 427 \\ \times 79 \\ \hline 33733 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div>
5. $\begin{array}{r} 98 \\ 62 \overline{)6076} \end{array}$ → <div><div>1</div><div>2</div></div> <div><div>1</div><div>2</div></div>	6. $\begin{array}{r} 102r4 \\ 5 \overline{)514} \end{array}$ → <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	7. $7\frac{3}{10} + 2\frac{2}{10} =$ $9\frac{1}{2} \text{ only (5)}$ OR $\begin{array}{r} 5 \\ \leftarrow 10 \\ \hline \end{array}$ <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	8. $\frac{3}{4} - \frac{1}{4} =$ $\frac{1}{2} \text{ only (3)}$ OR $\begin{array}{r} 2 \\ \leftarrow 4 \\ \hline \end{array}$ <div><div>1</div><div>2</div></div> <div><div>1</div><div>2</div></div>
9. $\begin{array}{r} 2146 \\ - 297 \\ \hline 1849 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	10. $\begin{array}{r} 592 \\ \times 7 \\ \hline 4144 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	11. $\begin{array}{r} 7 \\ 89 \overline{)623} \end{array}$ → <div><div>1</div></div> <div><div>1</div></div>	12. $\frac{4}{7} + \frac{7}{9} =$ $1\frac{22}{63} \text{ only (9)}$ OR $\begin{array}{r} 85 \\ \leftarrow 63 \\ \hline \end{array} \text{ or equivalent}$ <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>
13. $\begin{array}{r} 40 \\ 89 \overline{)3560} \end{array}$ → <div><div>1</div><div>2</div></div> <div><div>1</div><div>2</div></div>	14. $\begin{array}{r} 311 \\ \times 33 \\ \hline 10263 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div>	15. $6\frac{1}{4} + 3\frac{1}{3} =$ $9\frac{7}{12} \text{ or equivalent}$ <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	16. $\begin{array}{r} 276 \\ \times 47 \\ \hline 12972 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div>

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Acadience® Math / Computation Grade 5 Benchmark 3 / Form B / Teacher Key

of digits correct
in the final answer | score

Scoring Direction

←
Right to Left
or
→
Left to Right

1. $\begin{array}{r} 4977 \\ +3756 \\ \hline 8733 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	2. $\begin{array}{r} 243 \\ \times 20 \\ \hline 4860 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>2</div><div>5</div><div>8</div><div>11</div></div>	3. $8\frac{6}{8} + 1\frac{1}{2} =$ $10\frac{1}{4} \text{ only } (12)$ OR $9\frac{5}{4} \text{ only } \quad 10\frac{2}{8} \text{ only } (11)$ OR $9\frac{10}{8} \text{ or equivalent } \quad \frac{10}{8}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>2</div><div>4</div><div>7</div><div>10</div></div>	4. $\begin{array}{r} 434 \\ \times 65 \\ \hline 28210 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>2</div><div>5</div><div>8</div><div>11</div><div>14</div></div>
5. $\begin{array}{r} 38 \\ 45 \overline{)1710} \end{array}$ → <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>6</div><div>12</div></div>	6. $\begin{array}{r} 50r4 \\ 5 \overline{)254} \end{array}$ → <div><div>1</div><div>2</div><div>3</div></div> <div><div>3</div><div>6</div><div>9</div></div>	7. $7\frac{1}{4} + 2\frac{2}{4} =$ $\frac{9}{4}$ ← <div><div>1</div><div>2</div><div>3</div></div> <div><div>1</div><div>2</div><div>3</div></div>	8. $\frac{3}{5} + \frac{1}{5} =$ $\frac{4}{5}$ ← <div><div>1</div><div>2</div><div>3</div></div> <div><div>1</div><div>2</div><div>3</div></div>
9. $\begin{array}{r} 5701 \\ - 895 \\ \hline 4806 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	10. $\begin{array}{r} 892 \\ \times 7 \\ \hline 6244 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div>	11. $\begin{array}{r} 15 \\ 64 \overline{)960} \end{array}$ → <div><div>1</div><div>2</div></div> <div><div>5</div><div>11</div></div>	12. $\frac{8}{10} + \frac{6}{7} =$ $1\frac{23}{35} \text{ only } (11)$ OR $\frac{58}{35} \text{ only } \quad 1\frac{46}{70} \text{ only } (10)$ OR $\frac{116}{70} \text{ or equivalent } \quad \frac{116}{70}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>1</div><div>3</div><div>5</div><div>7</div><div>9</div></div>
13. $\begin{array}{r} 280 \\ 20 \overline{)5600} \end{array}$ → <div><div>1</div><div>2</div><div>3</div></div> <div><div>5</div><div>10</div><div>15</div></div>	14. $\begin{array}{r} 466 \\ \times 10 \\ \hline 4660 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>2</div><div>5</div><div>8</div><div>11</div></div>	15. $3\frac{2}{4} + 1\frac{1}{2} =$ $\frac{5}{4} \text{ only } (10)$ OR $\frac{4}{4} \text{ or equivalent } \quad \frac{4}{4}$ ← <div><div>1</div><div>2</div><div>3</div></div> <div><div>3</div><div>6</div><div>9</div></div>	16. $\begin{array}{r} 832 \\ \times 87 \\ \hline 72384 \end{array}$ ← <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>2</div><div>5</div><div>8</div><div>11</div><div>14</div></div>

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