



acadience®math

Computation

Grade 5 | Benchmark 1

Teacher Key

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Acadience® Math / Computation Grade 5

Benchmark 1 / Form A / Teacher Key

of digits correct in the final answer | score

Scoring Direction

←
Right to Left
or
→
Left to Right

1. $\begin{array}{r} 6787 \\ +1218 \\ \hline 8005 \end{array}$ ← <div>1 1 2 2 3 3 4 4</div>	2. $\begin{array}{r} 130 \\ \times 21 \\ \hline 2730 \end{array}$ ← <div>1 2 2 5 3 8 4 11</div>	3. $5 \frac{4}{6} - 2 \frac{1}{2} =$ 3 $\frac{1}{6}$ or equivalent ← <div>1 3 2 6 3 9</div>	4. $\begin{array}{r} 725 \\ \times 85 \\ \hline 61625 \end{array}$ ← <div>1 2 2 5 3 8 4 11 5 14</div>
5. $\begin{array}{r} 76 \\ 86 \overline{)6536} \end{array}$ → <div>1 6 2 12</div>	6. $\begin{array}{r} 90r6 \\ 9 \overline{)816} \end{array}$ → <div>1 3 2 6 3 9</div>	7. $5 \frac{2}{4} - 1 \frac{1}{4} =$ 4 $\frac{1}{4}$ ← <div>1 1 2 2 3 3</div>	8. $\frac{1}{4} + \frac{2}{4} =$ 3 ← 4 ← <div>1 1 2 2</div>
9. $\begin{array}{r} 7118 \\ - 589 \\ \hline 6529 \end{array}$ ← <div>1 1 2 2 3 3 4 4</div>	10. $\begin{array}{r} 374 \\ \times 6 \\ \hline 2244 \end{array}$ ← <div>1 1 2 2 3 3 4 4</div>	11. $\begin{array}{r} 25 \\ 23 \overline{)575} \end{array}$ → <div>1 5 2 11</div>	12. $\frac{6}{10} + \frac{3}{8} =$ 39 or equivalent ← 40 ← <div>1 2 2 4 3 6 4 8</div>
13. $\begin{array}{r} 50 \\ 34 \overline{)1700} \end{array}$ → <div>1 4 2 9</div>	14. $\begin{array}{r} 893 \\ \times 11 \\ \hline 9823 \end{array}$ ← <div>1 2 2 5 3 8 4 11</div>	15. $6 \frac{1}{2} + 3 \frac{8}{9} =$ 10 $\frac{7}{18}$ only (12) OR 25 or equivalent ← 18 ← <div>1 2 2 4 3 6 4 8 5 11</div>	16. $\begin{array}{r} 529 \\ \times 82 \\ \hline 43378 \end{array}$ ← <div>1 2 2 5 3 8 4 11 5 14</div>

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Acadience® Math / Computation Grade 5

Benchmark 1 / Form B / Teacher Key

of digits correct
in the final answer | score

Scoring Direction

←
Right to Left
or
→
Left to Right

1. $\begin{array}{r} 4264 \\ +1978 \\ \hline 6242 \end{array}$ ← <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. $\begin{array}{r} 674 \\ \times 11 \\ \hline 7414 \end{array}$ ← <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. $7\frac{4}{7} - 3\frac{1}{2} =$ ← $\frac{1}{14}$ or equivalent <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. $\begin{array}{r} 968 \\ \times 54 \\ \hline 52272 \end{array}$ ← <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. $\begin{array}{r} 84 \\ 54 \overline{)4536} \end{array}$ → <div><div>1</div><div>2</div></div> <div><div>6</div><div>12</div></div>	6. $\begin{array}{r} 445r1 \\ 2 \overline{)891} \end{array}$ → <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>3</div><div>6</div><div>9</div><div>13</div></div>	7. $5\frac{2}{5} + 1\frac{2}{5} =$ ← $\frac{4}{5}$ <div><div>1</div><div>2</div><div>3</div></div> <div><div>1</div><div>2</div><div>3</div></div>	8. $\frac{8}{10} - \frac{6}{10} =$ $\frac{1}{5}$ only (4) OR $\frac{2}{10}$ ← <div><div>1</div><div>2</div><div>3</div></div> <div><div>1</div><div>2</div><div>3</div></div>
9. $\begin{array}{r} 8640 \\ - 864 \\ \hline 7776 \end{array}$ ← <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. $\begin{array}{r} 892 \\ \times 6 \\ \hline 5352 \end{array}$ ← <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. $\begin{array}{r} 12 \\ 58 \overline{)696} \end{array}$ → <div><div>1</div><div>2</div></div> <div><div>5</div><div>11</div></div>	12. $\frac{1}{9} + \frac{7}{12} =$ ← $\frac{25}{36}$ or equivalent <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div><div>2</div><div>4</div><div>6</div><div>8</div></div>
13. $\begin{array}{r} 50 \\ 69 \overline{)3450} \end{array}$ → <div><div>1</div><div>2</div></div> <div><div>4</div><div>9</div></div>	14. $\begin{array}{r} 583 \\ \times 10 \\ \hline 5830 \end{array}$ ← <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. $8\frac{2}{4} - 2\frac{3}{5} =$ $5\frac{9}{10}$ only (14) OR $5\frac{18}{20}$ only OR $5\frac{59}{10}$ only (13) OR $4\frac{118}{20}$ or equivalent ← <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>2</div><div>4</div><div>6</div><div>9</div><div>12</div></div>	16. $\begin{array}{r} 356 \\ \times 45 \\ \hline 16020 \end{array}$ ← <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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