



acadiance®math

Computation

Grade 6 | Benchmark 3

Teacher Key

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Acadience® Math / Computation Grade 6

Benchmark 3 / Form A / Teacher Key

Scoring Direction

←
Right to Left
or
→
Left to Right

of digits correct
in the final answer | score

<p>1.</p> $\begin{array}{r} 32.7 \\ + 17.1 \\ \hline 49.8 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>2.</p> $\begin{array}{r} 5.68 \\ - 3.46 \\ \hline 2.22 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>3.</p> $\begin{array}{r} 837 \\ \times 25 \\ \hline 20,925 \end{array}$ <p>←</p> <p>1 2 2 5 3 8 4 11 5 14</p>	<p>4.</p> $\begin{array}{r} 30 \\ 41 \overline{) 1230} \end{array}$ <p>→</p> <p>1 4 2 9</p>	___/31
<p>5.</p> $4 \frac{6}{10} + 5 \frac{1}{5} =$ <p>$9 \frac{4}{5}$ only (9)</p> <p>OR</p> <p>$9 \frac{8}{10}$ or equivalent</p> <p>←</p> <p>1 2 2 4 3 6 4 8</p>	<p>6.</p> $\begin{array}{r} 38.57 \\ + 24.58 \\ \hline 63.15 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4 5 5</p>	<p>7.</p> $\begin{array}{r} 63.41 \\ - 9.93 \\ \hline 53.48 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4 5 5</p>	<p>8.</p> $\begin{array}{r} 32.4 \\ \times 1.2 \\ \hline 38.88 \end{array}$ <p>←</p> <p>1 2 2 4 3 6 4 9 5 12</p>	___/31
<p>9.</p> $\begin{array}{r} 310 \\ 2.7 \overline{) 837} \end{array}$ <p>→</p> <p>1 3 2 6 3 10</p>	<p>10.</p> $\begin{array}{r} 6.78 \\ + 1.85 \\ \hline 8.63 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>11.</p> $\begin{array}{r} 2.6 \\ \times 6 \\ \hline 15.6 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>12.</p> $\begin{array}{r} 96 \\ 21 \overline{) 2016} \end{array}$ <p>→</p> <p>1 6 2 12</p>	___/30
<p>13.</p> $\begin{array}{r} 6.95 \\ \times 7.3 \\ \hline 50.735 \end{array}$ <p>←</p> <p>1 2 2 4 3 6 4 9 5 12 6 15</p>	<p>14.</p> $\begin{array}{r} .6 \\ 4.7 \overline{) 2.82} \end{array}$ <p>→</p> <p>1 3 2 6</p>	<p>15.</p> $\begin{array}{r} 5.13 \\ - 2.79 \\ \hline 2.34 \end{array}$ <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>	___/39

Acadience® Math / Computation Grade 6

Benchmark 3 / Form B / Teacher Key

Scoring Direction

←
Right to Left
or
→
Left to Right

of digits correct
in the final answer | score

<p>1.</p> $\begin{array}{r} 73.5 \\ + 13.4 \\ \hline 86.9 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>2.</p> $\begin{array}{r} 6.63 \\ - 3.51 \\ \hline 3.12 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>3.</p> $\begin{array}{r} 632 \\ \times 97 \\ \hline 61,304 \end{array}$ <p>←</p> <p>1 2 2 5 3 8 4 11 5 14</p>	<p>4.</p> $\begin{array}{r} 110 \\ 36 \overline{) 3960} \end{array}$ <p>→</p> <p>1 4 2 8 3 13</p>	<p>5.</p> $8 \frac{5}{6} - 5 \frac{4}{12} =$ <p>$3 \frac{1}{2}$ only (9)</p> <p>OR</p> <p>$3 \frac{6}{12}$ or equivalent</p> <p>←</p> <p>1 2 2 4 3 6 4 8</p>	<p>6.</p> $\begin{array}{r} 17.64 \\ + 12.86 \\ \hline 30.50 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4 5 5</p>	<p>7.</p> $\begin{array}{r} 81.36 \\ - 8.79 \\ \hline 72.57 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4 5 5</p>	<p>8.</p> $\begin{array}{r} 21.3 \\ \times 2.3 \\ \hline 48.99 \end{array}$ <p>←</p> <p>1 2 2 4 3 6 4 9 5 12</p>	<p>9.</p> $\begin{array}{r} 320 \\ 1.4 \overline{) 448} \end{array}$ <p>→</p> <p>1 3 2 6 3 10</p>	<p>10.</p> $\begin{array}{r} 3.56 \\ + 2.54 \\ \hline 6.10 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>11.</p> $\begin{array}{r} 3.2 \\ \times 9 \\ \hline 28.8 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>12.</p> $\begin{array}{r} 114 \\ 39 \overline{) 4446} \end{array}$ <p>→</p> <p>1 5 2 10 3 16</p>	<p>13.</p> $\begin{array}{r} 2.42 \\ \times 5.7 \\ \hline 13.794 \end{array}$ <p>←</p> <p>1 2 2 4 3 6 4 9 5 12 6 15</p>	<p>14.</p> $\begin{array}{r} 1.2 \\ 2.3 \overline{) 2.76} \end{array}$ <p>→</p> <p>1 4 2 8 3 12</p>	<p>15.</p> $\begin{array}{r} 8.15 \\ - 2.67 \\ \hline 5.48 \end{array}$ <p>←</p> <p>1 1 2 2 3 3 4 4</p>	<p>16.</p> $\begin{array}{r} 40.2 \\ 1.9 \overline{) 76.38} \end{array}$ <p>→</p> <p>1 4 2 7 3 10 4 14</p>
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