

## Computational Fluency Progress-Monitoring System for K–6 Mathematics

## **Grade 6: Student**



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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

|                                |                     |                                 |                                    | []                 |
|--------------------------------|---------------------|---------------------------------|------------------------------------|--------------------|
| 60 ÷ 1                         | -88 + (-15) + (-22) | $\frac{15}{5} \div \frac{1}{5}$ | 1.23 × 2.04                        | 429 × 240          |
| $\frac{5}{4} \div \frac{8}{7}$ | -342 ÷ 18           | -15 × -9                        | $1\frac{1}{4} \times 1\frac{1}{2}$ | -24 – (-8) – (-12) |
| -12 ÷ -3                       | 125 × -31           | -27 + 12 + (-7)                 | $\frac{1}{6} \times \frac{4}{6}$   | 3.7)91.76          |

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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| 39 + 11 + 5           | $2\frac{3}{6} \times 1\frac{4}{6}$ | $\frac{3}{4} \div \frac{1}{4}$ | <u>-854</u><br>14                 | $2\frac{3}{4} \times 4\frac{2}{3}$ |
|-----------------------|------------------------------------|--------------------------------|-----------------------------------|------------------------------------|
|                       |                                    |                                |                                   |                                    |
| $\frac{1}{9} \div 40$ | -54 × -29                          | 17.2)218.44                    | $\frac{24}{50} \div \frac{6}{25}$ | 8 – 15                             |
|                       |                                    |                                |                                   |                                    |
| 125 × -131            | 2.3 × 5.1                          | -15 – 6 – (-7)                 | $\frac{7}{8} \times \frac{6}{7}$  | -275 ÷ -25                         |
|                       |                                    |                                |                                   |                                    |
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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| 60 ÷ 5                           | -77 + (-18) + (-33) | $\frac{18}{10} \div \frac{9}{10}$ | 2.14 × 3.02                        | 746 × 230         |
|----------------------------------|---------------------|-----------------------------------|------------------------------------|-------------------|
| $\frac{5}{4} \div \frac{11}{10}$ | -891 ÷ 81           | -16 × -7                          | $1\frac{2}{5} \times 1\frac{3}{4}$ | -10 – (-8) – (-1) |
| -45 ÷ -9                         | 108 × -21           | -19 + 14 + (-6)                   | $\frac{5}{10} \times \frac{7}{10}$ | 2.1)30.24         |

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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

|                    |                                    |                                | i                                 |                                    |
|--------------------|------------------------------------|--------------------------------|-----------------------------------|------------------------------------|
| 48 + 16 + 3        | $1\frac{2}{3} \times 4\frac{1}{3}$ | $\frac{2}{5} \div \frac{1}{5}$ | <u>-936</u><br>18                 | $2\frac{1}{4} \times 3\frac{2}{3}$ |
|                    |                                    |                                |                                   |                                    |
| $\frac{1}{3}$ ÷ 70 | -63 × -38                          | 11.2)175.84                    | $\frac{20}{25} \div \frac{1}{10}$ | 9 – 22                             |
|                    |                                    |                                |                                   |                                    |
| 108 × -141         | 3.4 × 5.2                          | -23 - 2 - (-8)                 | $\frac{3}{10} \times \frac{4}{5}$ | -224 ÷ -14                         |
|                    |                                    |                                |                                   |                                    |
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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| • •                            |                     |                                 |                                    | ,                 |
|--------------------------------|---------------------|---------------------------------|------------------------------------|-------------------|
| 45 ÷ 9                         | -62 + (-11) + (-47) | $\frac{20}{8} \div \frac{3}{8}$ | 1.63 × 2.01                        | 871 × 260         |
| $\frac{5}{3} \div \frac{3}{2}$ | -756 ÷ 42           | -13 × -4                        | $1\frac{2}{7} \times 1\frac{3}{5}$ | -20 – (-8) – (-5) |
| -54 ÷ -6                       | 113 × -41           | -22 + 19 + (-4)                 | $\frac{3}{8} \times \frac{2}{8}$   | 2.7]32.67         |
|                                |                     |                                 |                                    |                   |

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|                       | 1 5                                |                                |                                  |                                    |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 55 + 13 + 9           | $1\frac{1}{4} \times 2\frac{1}{4}$ | $\frac{5}{8} \div \frac{1}{8}$ | <u>-990</u><br>45                | $4\frac{1}{2} \times 5\frac{2}{3}$ |
|                       |                                    |                                |                                  |                                    |
| $\frac{1}{8} \div 60$ | -84 × -21                          | 25.6)622.08                    | $\frac{10}{30} \div \frac{1}{8}$ | 4 – 13                             |
|                       |                                    |                                |                                  |                                    |
| 115 × -131            | 1.9 × 7.3                          | -17 – 3 – (-8)                 | $\frac{6}{9} \times \frac{1}{3}$ | -408 ÷ -17                         |
|                       |                                    |                                |                                  |                                    |
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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| 48 ÷ 6                         | -81 + (-19) + (-45) | $\frac{7}{6} \div \frac{1}{6}$ | 1.14 × 6.02                        | 562 × 230          |
|--------------------------------|---------------------|--------------------------------|------------------------------------|--------------------|
| $\frac{9}{3} \div \frac{8}{4}$ | -561 ÷ 51           | -18 × -2                       | $1\frac{1}{4} \times 1\frac{2}{3}$ | -24 – (-8) – (-11) |
| -81 ÷ -9                       | 148 × -31           | -21 + 17 + (-6)                | $\frac{1}{6} \times \frac{3}{6}$   | 2.5) <u>35.50</u>  |

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| 1 1                   | 1 3                                |                                |                                  |                                    |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 36 + 17 + 2           | $3\frac{1}{6} \times 1\frac{5}{6}$ | $\frac{2}{3} \div \frac{1}{3}$ | <u>-459</u><br>27                | $3\frac{3}{5} \times 2\frac{5}{6}$ |
| 1                     | -54 × -26                          | 34.87776.04                    | 24 1                             | 2 - 11                             |
| $\frac{1}{6} \div 50$ | -J+ X -20                          | 54.0/770.04                    | $\frac{24}{40} \div \frac{1}{8}$ | 2 11                               |
| 105 × -148            | 4.6 × 8.7                          | -14 - 2 - (-5)                 | $\frac{1}{5} \times \frac{5}{7}$ | -384 ÷ -24                         |
|                       |                                    |                                |                                  |                                    |
|                       |                                    |                                |                                  |                                    |

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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| · ·                            | 1 5                 |                                 |                                    |                    |
|--------------------------------|---------------------|---------------------------------|------------------------------------|--------------------|
| 28 ÷ 7                         | -96 + (-16) + (-31) | $\frac{20}{8} \div \frac{5}{8}$ | 1.54 × 2.01                        | 473 × 310          |
| $\frac{5}{2} \div \frac{6}{3}$ | -504 ÷ 42           | -12 × -5                        | $1\frac{1}{2} \times 1\frac{4}{5}$ | -22 – (-1) – (-12) |
| -64 ÷ -8                       | 137 × -21           | -24 + 14 + (-6)                 | $\frac{5}{8} \times \frac{2}{8}$   | 3.3777.22          |

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| 1 1                   | 1 5                                | 1                              |                                   |                                    |
|-----------------------|------------------------------------|--------------------------------|-----------------------------------|------------------------------------|
| 83 + 16 + 2           | $1\frac{1}{5} \times 5\frac{3}{5}$ | $\frac{4}{5} \div \frac{2}{5}$ | <u>-374</u><br>34                 | $2\frac{3}{5} \times 4\frac{2}{7}$ |
| $\frac{1}{7} \div 20$ | -73 × -34                          | 46.1)516.32                    | $\frac{18}{30} \div \frac{5}{12}$ | 9 – 20                             |
| 116 × -124            | 1.7 × 9.3                          | -12 - 3 - (-6)                 | $\frac{7}{10} \times \frac{2}{5}$ | -345 ÷ -23                         |
|                       |                                    |                                |                                   |                                    |

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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| 56 ÷ 8                          | -75 + (-16) + (-41) | $\frac{21}{3} \div \frac{1}{3}$ | 1.13 × 4.01                        | 364 × 280          |
|---------------------------------|---------------------|---------------------------------|------------------------------------|--------------------|
| $\frac{18}{5} \div \frac{3}{2}$ | -782 ÷ 46           | -13 × -7                        | $1\frac{4}{9} \times 1\frac{2}{5}$ | -20 – (-9) – (-10) |
| -28 ÷ -7                        | 129 × -21           | -18 + 11 + (-4)                 | $\frac{5}{10} \times \frac{3}{10}$ | 4.2\65.52          |
|                                 |                     |                                 |                                    |                    |

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| 1 1                   |                                    |                                |                                  |                                    |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 72 + 12 + 9           | $1\frac{2}{7} \times 3\frac{4}{7}$ | $\frac{4}{9} \div \frac{1}{9}$ | <u>-672</u><br>42                | $3\frac{1}{9} \times 4\frac{5}{6}$ |
| $\frac{1}{8} \div 30$ | -62 × -47                          | 57.2703.56                     | $\frac{25}{45} \div \frac{1}{3}$ | 3 – 12                             |
| 126 × -134            | 3.8 × 6.2                          | -13 - 4 - (-7)                 | 2 3                              | -418 ÷ -22                         |
|                       |                                    |                                | $\frac{2}{7} \times \frac{3}{6}$ |                                    |

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| 63 ÷ 9                          | -68 + (-19) + (-27) | $\frac{12}{7} \div \frac{2}{7}$ | 1.12 × 3.06                        | 445 × 360         |
|---------------------------------|---------------------|---------------------------------|------------------------------------|-------------------|
|                                 |                     |                                 |                                    |                   |
| $\frac{10}{3} \div \frac{7}{5}$ | -396 ÷ 36           | -14 × -4                        | $1\frac{2}{3} \times 1\frac{1}{6}$ | -18 – (-2) – (-1) |
|                                 |                     |                                 |                                    |                   |
| -36 ÷ -6                        | 128 × -31           | -10 + 15 + (-9)                 | $\frac{5}{6} \times \frac{2}{6}$   | 5.1)62.73         |
|                                 |                     |                                 |                                    |                   |

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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| 41 + 19 + 2           | $2\frac{1}{3} \times 1\frac{2}{3}$ | $\frac{2}{4} \div \frac{1}{4}$ | <u>-288</u><br>16                | $4\frac{2}{9} \times 2\frac{3}{4}$ |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
|                       |                                    |                                |                                  |                                    |
| $\frac{1}{3} \div 80$ | -82 × -39                          | 68.4)827.64                    | $\frac{20}{35} \div \frac{2}{7}$ | 8 - 14                             |
|                       |                                    |                                |                                  |                                    |
| 123 × -125            | 5.5 × 8.3                          | -11 – 5 – (-2)                 | $\frac{3}{4} \times \frac{2}{8}$ | -252 ÷ -21                         |
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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

| 98 ÷ 7                         | -92 + (-11) + (-33) | $\frac{20}{4} \div \frac{1}{4}$ | 2.32 × 4.01                        | 463 × 230         |
|--------------------------------|---------------------|---------------------------------|------------------------------------|-------------------|
| $\frac{6}{2} \div \frac{8}{6}$ | -896 ÷ 64           | -15 × -6                        | $1\frac{2}{9} \times 1\frac{3}{4}$ | -16 – (-8) – (-4) |
| -42 ÷ -7                       | 147 × -21           | -11 + 14 + (-7)                 | $\frac{7}{10} \times \frac{2}{10}$ | 6.4)90.24         |

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|                   | 1 3                                |                                |                                  |                                    |
|-------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 26 + 18 + 3       | $4\frac{3}{4} \times 1\frac{1}{4}$ | $\frac{4}{5} \div \frac{2}{5}$ | <u>-550</u><br>25                | $5\frac{2}{3} \times 2\frac{4}{7}$ |
|                   |                                    |                                |                                  |                                    |
| $\frac{1}{4}$ ÷70 | -91 × -28                          | 29.3)814.54                    | $\frac{15}{24} \div \frac{3}{8}$ | 4 – 16                             |
|                   |                                    |                                |                                  |                                    |
| 132 × -137        | 2.9 × 7.6                          | -24 – 7 – (-3)                 | $\frac{3}{5} \times \frac{5}{6}$ | -285 ÷ -19                         |
|                   |                                    |                                |                                  |                                    |

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Write the answer for each problem. If you don't know how to work the problem, put an X over it and move to the next problem. Complete the problems in order. Simplify fractions to their most common form.

|                                |                     |                                 |                                    | ,                 |
|--------------------------------|---------------------|---------------------------------|------------------------------------|-------------------|
| 55 ÷ 11                        | -52 + (-19) + (-47) | $\frac{12}{9} \div \frac{2}{9}$ | 2.17 × 3.01                        | 632 × 240         |
| $\frac{8}{2} \div \frac{7}{3}$ | -299 ÷ 23           | -17 × -8                        | $1\frac{4}{9} \times 1\frac{3}{4}$ | -14 – (-3) – (-6) |
| -25 ÷ -5                       | 139 × -31           | -13 + 17 + (-2)                 | $\frac{3}{9} \times \frac{1}{9}$   | 7.2)79.92         |

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TIER: Grade 6, Form 9

| 64 + 11 + 9           | $1\frac{3}{7} \times 2\frac{5}{7}$ | $\frac{2}{6} \div \frac{1}{6}$ | <u>-960</u><br>48                | $2\frac{4}{7} \times 5\frac{3}{4}$ |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| $\frac{1}{9} \div 50$ | -53 × -36                          | 31.2)698.88                    | $\frac{21}{36} \div \frac{1}{4}$ | 7 – 10                             |
| 103 × -128            | 6.2 × 7.1                          | -23 - 6 - (-4)                 | $\frac{6}{7} \times \frac{1}{4}$ | -378 ÷ -18                         |
|                       |                                    |                                |                                  |                                    |

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| • •                            |                     |                                |                                    |                   |
|--------------------------------|---------------------|--------------------------------|------------------------------------|-------------------|
| 72 ÷ 12                        | -99 + (-12) + (-46) | $\frac{8}{5} \div \frac{4}{5}$ | 1.12 × 4.09                        | 396 × 260         |
| $\frac{4}{2} \div \frac{5}{3}$ | -792 ÷ 72           | -16 × -4                       | $1\frac{3}{8} \times 1\frac{2}{3}$ | -12 – (-4) – (-5) |
| -15 ÷ -3                       | 118 × -31           | -15 + 17 + (-3)                | $\frac{3}{9} \times \frac{7}{9}$   | 2.6)92.30         |

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|                       |                                    | 1                              |                                   | r                                  |
|-----------------------|------------------------------------|--------------------------------|-----------------------------------|------------------------------------|
| 91 + 11 + 9           | $3\frac{1}{5} \times 1\frac{2}{5}$ | $\frac{3}{5} \div \frac{1}{5}$ | <u>-512</u><br>32                 | $4\frac{1}{8} \times 5\frac{7}{9}$ |
|                       |                                    |                                |                                   |                                    |
| $\frac{1}{5} \div 70$ | -66 × -41                          | 42.4)585.12                    | $\frac{15}{32} \div \frac{3}{8}$  | 5 – 15                             |
|                       |                                    |                                |                                   |                                    |
| 125 × -126            | 4.7 × 6.5                          | -22 – 13 – (-9)                | $\frac{9}{10} \times \frac{2}{3}$ | -304 ÷ -16                         |
|                       |                                    |                                |                                   |                                    |

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| 80 ÷ 5                          | -59 + (-14) + (-21) | $\frac{16}{2} \div \frac{1}{2}$ | 2.41 × 3.01                        | 545 × 270          |
|---------------------------------|---------------------|---------------------------------|------------------------------------|--------------------|
| $\frac{12}{3} \div \frac{3}{2}$ | -972 ÷ 54           | -18 × -9                        | $1\frac{5}{8} \times 1\frac{1}{4}$ | -10 – (-5) – (-11) |
| -30 ÷ -6                        | 146 × -21           | -27 + 19 + (-3)                 | $\frac{1}{8} \times \frac{4}{8}$   | 3.2\85.44          |
|                                 |                     |                                 |                                    |                    |

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| 57 + 16 + 6           | A 1                                | 2 1                            | 224                               | F 1                                |
|-----------------------|------------------------------------|--------------------------------|-----------------------------------|------------------------------------|
| 57 + 10 + 0           | $3\frac{4}{5} \times 1\frac{1}{5}$ | $\frac{3}{6} \div \frac{1}{6}$ | <u>-234</u><br>18                 | $2\frac{5}{6} \times 5\frac{1}{9}$ |
|                       |                                    |                                |                                   |                                    |
|                       |                                    |                                |                                   |                                    |
|                       |                                    |                                |                                   |                                    |
| $\frac{1}{6} \div 70$ | -94 × -42                          | 55.7)685.11                    | $\frac{16}{20} \div \frac{7}{15}$ | 6 – 22                             |
|                       |                                    |                                |                                   |                                    |
|                       |                                    |                                |                                   |                                    |
|                       |                                    |                                |                                   |                                    |
| 124 × -132            | 3.6 × 8.8                          | -21 - 14 - (-8)                | $\frac{2}{5} \times \frac{5}{6}$  | -345 ÷ -15                         |
|                       |                                    |                                | 5.0                               |                                    |
|                       |                                    |                                |                                   |                                    |
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| 44 ÷ 4                         | -82 + (-11) + (-41) | $\frac{15}{6} \div \frac{5}{6}$ | 1.71 × 2.01                        | 567 × 230         |
|--------------------------------|---------------------|---------------------------------|------------------------------------|-------------------|
| $\frac{7}{4} \div \frac{6}{5}$ | -952 ÷ 68           | -19 × -2                        | $1\frac{7}{9} \times 1\frac{2}{5}$ | -20 – (-6) – (-7) |
| -18 ÷ -3                       | 145 × -21           | -20 + 17 + (-9)                 | $\frac{2}{9} \times \frac{6}{9}$   | 4.7)73.32         |

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| $21 + 11 + 9$ $1\frac{3}{8} \times 2\frac{5}{8}$ $\frac{4}{6} \div \frac{2}{6}$ $\frac{-360}{24}$ $5\frac{7}{10} \times 3\frac{3}{5}$ $\frac{1}{9} \div 20$ $-88 \times -21$ $62.5\overline{)743.75}$ $\frac{13}{15} \div \frac{3}{5}$ $1 - 19$ $116 \times -123$ $4.5 \times 5.1$ $-20 - 16 - (-2)$ $\frac{2}{3} \times \frac{5}{6}$ $-221 \div -13$ | _ | 1 1                   |                                    |                                |                                  |                                     |
|---|---|-----------------------|------------------------------------|--------------------------------|----------------------------------|-------------------------------------|
|   |   | 21 + 11 + 9           | $1\frac{3}{8} \times 2\frac{5}{8}$ | $\frac{4}{6} \div \frac{2}{6}$ | <u>-360</u><br>24                | $5\frac{7}{10} \times 3\frac{3}{5}$ |
|   |   |                       |                                    |                                |                                  |                                     |
| 116 × -123     4.5 × 5.1     -20 - 16 - (-2) $\frac{2}{3} \times \frac{5}{6}$ -221 ÷ -13  |   | $\frac{1}{9} \div 20$ | -88 × -21                          | 62.5\743.75                    | $\frac{13}{15} \div \frac{3}{5}$ | 1 – 19                              |
| 116 × -123     4.5 × 5.1     -20 - 16 - (-2) $\frac{2}{3} \times \frac{5}{6}$ -221 ÷ -13  |   |                       |                                    |                                |                                  |                                     |
|   |   | 116 × -123            | 4.5 × 5.1                          | -20 - 16 - (-2)                | $\frac{2}{3} \times \frac{5}{6}$ | -221 ÷ -13                          |
|   |   |                       |                                    |                                |                                  |                                     |

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| 36 ÷ 3                           | -72 + (-19) + (-48) | $\frac{9}{8} \div \frac{3}{8}$ | 2.13 × 3.04                        | 546 × 270         |
|----------------------------------|---------------------|--------------------------------|------------------------------------|-------------------|
| $\frac{11}{3} \div \frac{12}{9}$ | -888 ÷ 74           | -18 × -3                       | $1\frac{1}{3} \times 1\frac{6}{7}$ | -14 – (-8) – (-2) |
| -21 ÷ -7                         | 149 × -31           | -21 + 18 + (-9)                | $\frac{5}{10} \times \frac{9}{10}$ | 5.2)92.56         |

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| 1 1                   | 1 5                                |                                |                                  | Y                                  |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 61 + 17 + 8           | $3\frac{6}{7} \times 1\frac{1}{7}$ | $\frac{4}{6} \div \frac{1}{6}$ | <u>-432</u><br>36                | $4\frac{2}{7} \times 3\frac{3}{5}$ |
|                       |                                    |                                |                                  |                                    |
| $\frac{1}{6} \div 90$ | -92 × -31                          | 32.3746.13                     | $\frac{10}{21} \div \frac{2}{7}$ | 2 - 13                             |
|                       |                                    |                                |                                  |                                    |
| 104 × -117            | 7.8 × 8.2                          | -19 – 12 – (-4)                | $\frac{3}{7} \times \frac{5}{9}$ | -204 ÷ -12                         |
|                       |                                    |                                |                                  |                                    |
|                       |                                    |                                |                                  |                                    |

| TIER: | Grade | 6, | Form | 14 |
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|      |      | Correct | Incorrect |
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| Name | Date |         |           |
|      |      |         |           |

| 92 ÷ 2                         | -78 + (-19) + (-43) | $\frac{6}{3} \div \frac{2}{3}$ | 1.13 × 3.05                        | 637 × 240         |
|--------------------------------|---------------------|--------------------------------|------------------------------------|-------------------|
|                                |                     |                                |                                    |                   |
| $\frac{6}{3} \div \frac{7}{6}$ | -546 ÷ 39           | -17 × -4                       | $1\frac{1}{4} \times 1\frac{1}{8}$ | -11 – (-7) – (-8) |
|                                |                     |                                |                                    |                   |
|                                |                     |                                |                                    |                   |
| -20 ÷ -4                       | 138 × -21           | -22 + 19 + (-8)                | $\frac{5}{6} \times \frac{3}{6}$   | 3.4)87.04         |
|                                |                     |                                |                                    |                   |
|                                |                     |                                |                                    |                   |
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| 72 + 19 + 2           | $2\frac{4}{7} \times 1\frac{3}{7}$ | $\frac{5}{6} \div \frac{1}{6}$ | <u>-572</u><br>44                | $2\frac{6}{7} \times 4\frac{1}{8}$ |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| $\frac{1}{5} \div 30$ | -73 × -39                          | 44.4)563.88                    | $\frac{21}{40} \div \frac{2}{5}$ | 9 – 17                             |
| 117 × -146            | 6.9 × 7.2                          | -18 – 17 – (-6)                | $\frac{3}{8} \times \frac{2}{3}$ | -286 ÷ -11                         |
|                       |                                    |                                |                                  |                                    |

| TIER: Grade 6 | 5, Form 15 |
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| Name | Date |         |           |

| 72 ÷ 6                          | -94 + (-17) + (-26) | $\frac{8}{7} \div \frac{4}{7}$ | 2.34 × 3.02                        | 486 × 240         |
|---------------------------------|---------------------|--------------------------------|------------------------------------|-------------------|
| $\frac{10}{2} \div \frac{9}{5}$ | -799 ÷ 47           | -16 × -5                       | $1\frac{2}{9} \times 1\frac{7}{8}$ | -13 – (-9) – (-9) |
| -63 ÷ -7                        | 143 × -31           | -29 + 11 + (-9)                | $\frac{2}{4} \times \frac{1}{4}$   | 4.5\55.35         |

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|                       | 1 3                                |                                |                                  |                                    |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 49 + 13 + 7           | $4\frac{2}{5} \times 1\frac{3}{5}$ | $\frac{4}{7} \div \frac{2}{7}$ | <u>-288</u><br>12                | $4\frac{3}{8} \times 3\frac{1}{3}$ |
|                       |                                    |                                |                                  |                                    |
| $\frac{1}{8} \div 40$ | -52 × -29                          | 51.5)633.45                    | $\frac{17}{20} \div \frac{1}{4}$ | 3 – 18                             |
|                       |                                    |                                |                                  |                                    |
| 123 × -146            | 2.7 × 6.3                          | -17 – 10 – (-8)                | $\frac{3}{5} \times \frac{1}{6}$ | -325 ÷ -13                         |
|                       |                                    |                                |                                  |                                    |
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|---------------------------------|---------------------|---------------------------------|------------------------------------|-------------------|
| 49 ÷ 7                          | -96 + (-16) + (-24) | $\frac{15}{4} \div \frac{3}{4}$ | 1.12 × 3.05                        | 536 × 270         |
| $\frac{12}{4} \div \frac{4}{2}$ | -944 ÷ 59           | -15 × -5                        | $1\frac{4}{9} \times 1\frac{3}{8}$ | -15 – (-2) – (-3) |
|                                 |                     |                                 |                                    |                   |
| -32 ÷ -4                        | 129 × -31           | -12 + 19 + (-2)                 | $\frac{6}{10} \times \frac{3}{10}$ | 5.3)77.91         |
|                                 |                     |                                 |                                    |                   |

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|                    | 1 3                                |                                |                                  |                                    |
|--------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 93 + 17 + 5        | $1\frac{2}{9} \times 4\frac{7}{9}$ | $\frac{4}{7} \div \frac{1}{7}$ | <u>-448</u><br>28                | $3\frac{5}{6} \times 5\frac{2}{5}$ |
|                    |                                    |                                |                                  |                                    |
| $\frac{1}{7}$ ÷ 60 | -64 × -24                          | 12.9\415.38                    | $\frac{13}{15} \div \frac{1}{5}$ | 8 – 21                             |
|                    |                                    |                                |                                  |                                    |
| 126 × -138         | 4.1 × 6.2                          | -16 – 11 – (-1)                | $\frac{4}{7} \times \frac{5}{6}$ | -315 ÷ -15                         |
|                    |                                    |                                |                                  |                                    |

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| Name | Date |         |           |  |

| 96 ÷ 8                         | -99 + (-11) + (-22) | $\frac{10}{9} \div \frac{5}{9}$ | 1.31 × 9.01                        | 374 × 270         |
|--------------------------------|---------------------|---------------------------------|------------------------------------|-------------------|
| $\frac{5}{3} \div \frac{6}{5}$ | -364 ÷ 28           | -14 × -7                        | $1\frac{5}{8} \times 1\frac{3}{4}$ | -17 – (-3) – (-4) |
| -16 ÷ -8                       | 117 × -21           | -14 + 12 + (-9)                 | $\frac{2}{8} \times \frac{7}{8}$   | 6.6)91.74         |

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| 86 + 12 + 7           | $5\frac{1}{4} \times 1\frac{3}{4}$ | $\frac{3}{7} \div \frac{1}{7}$ | <u>-552</u><br>24                 | $4\frac{1}{6} \times 3\frac{7}{10}$ |
|                       |                                    |                                |                                   |                                     |
| $\frac{1}{7} \div 80$ | -93 × -47                          | 24.8)987.04                    | $\frac{23}{25} \div \frac{3}{10}$ | 4 – 23                              |
|                       |                                    |                                |                                   |                                     |
| 127 × -136            | 1.4 × 9.7                          | -15 – 3 – (-3)                 | $\frac{2}{3} \times \frac{7}{10}$ | -306 ÷ -17                          |
|                       |                                    |                                |                                   |                                     |
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| Name | Date |         |           |

| 72 ÷ 9                          | -51 + (-18) + (-29) | $\frac{12}{5} \div \frac{4}{5}$ | 1.32 × 4.01                        | 365 × 320          |
|---------------------------------|---------------------|---------------------------------|------------------------------------|--------------------|
| $\frac{10}{4} \div \frac{5}{4}$ | -627 ÷ 33           | -13 × -8                        | $1\frac{2}{3} \times 1\frac{6}{7}$ | -19 – (-5) – (-12) |
| -49 ÷ -7                        | 136 × -21           | -17 + 18 + (-4)                 | $\frac{3}{10} \times \frac{5}{10}$ | 7.179.52           |
|                                 |                     |                                 |                                    |                    |

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| 45 + 17 + 4           | $4\frac{5}{6} \times 1\frac{1}{6}$ | $\frac{3}{8} \div \frac{1}{8}$ | <u>-648</u><br>36                 | $2\frac{3}{8} \times 5\frac{3}{5}$ |
|                       |                                    |                                |                                   |                                    |
| $\frac{1}{3} \div 50$ | -73 × -34                          | 26.6)643.72                    | $\frac{9}{15} \div \frac{3}{20}$  | 7 – 24                             |
|                       |                                    |                                |                                   |                                    |
| 134 × -137            | 4.2 × 4.9                          | -16 – 4 – (-5)                 | $\frac{7}{10} \times \frac{8}{9}$ | -380 ÷ -19                         |
|                       |                                    |                                |                                   |                                    |
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| Name | Date |         |           |

| 48 ÷ 4                           | -87 + (-14) + (-33) | $\frac{5}{2} \div \frac{1}{2}$ | 1.41 × 5.02                        | 593 × 290         |
|----------------------------------|---------------------|--------------------------------|------------------------------------|-------------------|
| $\frac{8}{3} \div \frac{12}{10}$ | -966 ÷ 69           | -12 × -9                       | $1\frac{2}{7} \times 1\frac{7}{8}$ | -21 – (-6) – (-3) |
| -40 ÷ -5                         | 127 × -31           | -21 + 18 + (-3)                | $\frac{3}{10} \times \frac{4}{10}$ | 8.2)93.48         |
|                                  |                     |                                |                                    |                   |

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|                       | 1 5                                |                                |                                  |                                    |
|-----------------------|------------------------------------|--------------------------------|----------------------------------|------------------------------------|
| 71 + 19 + 6           | $5\frac{1}{6} \times 1\frac{5}{6}$ | $\frac{7}{8} \div \frac{1}{8}$ | <u>-960</u><br>40                | $3\frac{5}{6} \times 4\frac{7}{8}$ |
|                       |                                    |                                |                                  |                                    |
| $\frac{1}{2} \div 90$ | -62 × -48                          | 14.7)438.06                    | $\frac{13}{20} \div \frac{1}{2}$ | 5 – 12                             |
|                       |                                    |                                |                                  |                                    |
| 106 × -128            | 6.6 × 8.4                          | -12 – 5 – (-7)                 | $\frac{8}{9} \times \frac{5}{6}$ | -294 ÷ -21                         |
|                       |                                    |                                |                                  |                                    |
|                       |                                    |                                |                                  |                                    |

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| Name | Date |         |           |  |
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| 75 ÷ 5                         | -66 + (-17) + (-49) | $\frac{9}{6} \div \frac{1}{6}$ | 1.03 × 3.53                        | 628 × 240         |
|--------------------------------|---------------------|--------------------------------|------------------------------------|-------------------|
| $\frac{7}{2} \div \frac{3}{2}$ | -486 ÷ 27           | -17 × -6                       | $1\frac{4}{5} \times 1\frac{4}{7}$ | -23 – (-8) – (-1) |
| -56 ÷ -7                       | 143 × -21           | -19 + 11 + (-7)                | $\frac{4}{8} \times \frac{3}{8}$   | 7.2)87.12         |

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| 56 + 13 + 4           | $2\frac{3}{4} \times 1\frac{1}{4}$ | $\frac{7}{9} \div \frac{1}{9}$ | <u>-525</u><br>35                 | $5\frac{3}{5} \times 4\frac{1}{2}$ |
|-----------------------|------------------------------------|--------------------------------|-----------------------------------|------------------------------------|
|                       |                                    |                                |                                   |                                    |
| $\frac{1}{7} \div 30$ | -84 × -26                          | 41.6)474.24                    | $\frac{10}{50} \div \frac{1}{25}$ | 6 – 11                             |
|                       |                                    |                                |                                   |                                    |
| 132 × -142            | 7.6 × 9.1                          | -14 – 6 – (-9)                 | $\frac{7}{9} \times \frac{3}{5}$  | -483 ÷ -23                         |
|                       |                                    |                                |                                   |                                    |