Skills 3-1 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|  | Example | Problem |
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|  | Example | Problem |
| 6 | 4.5 x 107 + 0.3 x 107  4.8 x 107 |  |
| 7 | 78 x 109  7.8 x 1010 |  |
| 8 | Find the coordinates of triangle ABC after a translation (-3, 4).  A (1, 3) 🡪 A’ (-2, 7)  B (4, 7) 🡪 B’ (1, 11)  C (2, 4) 🡪 C’ (-2, 15) | Find the coordinates of triangle ABC after a translation (-2, 5).  A (0, 5)  B (2, 8)  C (3, 5) |
| 9 | Find the coordinates of triangle DEF after a reflection over the x-axis.  D (-2, 7) 🡪 D’ (-2, -7)  E (0, -4) 🡪 E’ (0, 4)  F (1, 8) 🡪 F’ (1, -8) | Find the coordinates of triangle DEF after a reflection over the x-axis.  D (-1, -3)  E (-2, -7)  F (-4, -2) |
| 10 | Find the coordinates of triangle GHI after a rotation 90o clockwise.  G (-2, -4) 🡪 G’ (-4, 2)  H (-3, 0) 🡪 H’ (0, 3)  I (-5, -2) 🡪 I’ (-2, 5) | Find the coordinates of triangle GHI after a rotation 90o clockwise.  G (-3, -2)  H (0, -5)  I (1, -1) |