



## Digit Solving - Ones Digit in Exponent Multiplication - Different Exponent

(Large)

|                                                                                             |               |               |               |                                                                                             |               |               |               |
|---------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| <b>1</b><br>Find the ones digit of this number once multiplied<br><br>$2^{60} \cdot 7^{61}$ | <b>A</b><br>6 | <b>B</b><br>3 | <b>C</b><br>2 | <b>2</b><br>Find the ones digit of this number once multiplied<br><br>$8^{56} \cdot 7^{55}$ | <b>A</b><br>2 | <b>B</b><br>1 | <b>C</b><br>7 |
| <b>3</b><br>Find the ones digit of this number once multiplied<br><br>$7^{41} \cdot 3^{40}$ | <b>D</b><br>5 | <b>E</b><br>7 | <b>F</b><br>8 | <b>4</b><br>Find the ones digit of this number once multiplied<br><br>$2^{56} \cdot 8^{55}$ | <b>D</b><br>4 | <b>E</b><br>8 | <b>F</b><br>3 |
| <b>5</b><br>Find the ones digit of this number once multiplied<br><br>$8^{40} \cdot 7^{41}$ | <b>A</b><br>7 | <b>B</b><br>2 | <b>C</b><br>5 | <b>6</b><br>Find the ones digit of this number once multiplied<br><br>$8^{50} \cdot 3^{49}$ | <b>A</b><br>2 | <b>B</b><br>6 | <b>C</b><br>5 |
| <b>7</b><br>Find the ones digit of this number once multiplied<br><br>$2^{77} \cdot 3^{76}$ | <b>D</b><br>8 | <b>E</b><br>6 | <b>F</b><br>9 |                                                                                             | <b>D</b><br>3 | <b>E</b><br>7 | <b>F</b><br>9 |
|                                                                                             | <b>A</b><br>1 | <b>B</b><br>5 | <b>C</b><br>3 |                                                                                             | <b>A</b><br>3 | <b>B</b><br>2 | <b>C</b><br>5 |
|                                                                                             | <b>D</b><br>2 | <b>E</b><br>9 | <b>F</b><br>6 |                                                                                             | <b>D</b><br>0 | <b>E</b><br>1 | <b>F</b><br>7 |
|                                                                                             | <b>A</b><br>5 | <b>B</b><br>0 | <b>C</b><br>2 | <b>8</b><br>Find the ones digit of this number once multiplied<br><br>$3^{60} \cdot 7^{59}$ | <b>A</b><br>6 | <b>B</b><br>2 | <b>C</b><br>1 |
|                                                                                             | <b>D</b><br>7 | <b>E</b><br>3 | <b>F</b><br>8 |                                                                                             | <b>D</b><br>3 | <b>E</b><br>7 | <b>F</b><br>4 |