



Math worksheet on 'Digit Solving - Ones Digit in Exponent Multiplication - Different Exponent (Large) (Level 3)'. Part of a broader unit on 'Digits and Divisibility - Practice'

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**1** Find the ones digit of this number once multiplied

<b>a</b>	<b>b</b>	<b>c</b>
1	2	8
<b>d</b>	<b>e</b>	<b>f</b>
9	4	6

$7^{36} \cdot 9^{37}$

**2** Find the ones digit of this number once multiplied

<b>a</b>	<b>b</b>	<b>c</b>
8	5	9
<b>d</b>	<b>e</b>	<b>f</b>
6	1	2

$4^{42} \cdot 2^{43}$

**3** Find the ones digit of this number once multiplied

<b>a</b>	<b>b</b>	<b>c</b>
1	6	5
<b>d</b>	<b>e</b>	<b>f</b>
3	8	4

$4^{53} \cdot 2^{52}$

**4** Find the ones digit of this number once multiplied

<b>a</b>	<b>b</b>	<b>c</b>
8	5	3
<b>d</b>	<b>e</b>	<b>f</b>
1	2	4

$3^{67} \cdot 4^{66}$

**5** Find the ones digit of this number once multiplied

<b>a</b>	<b>b</b>	<b>c</b>
4	5	0
<b>d</b>	<b>e</b>	<b>f</b>
1	6	3

$4^{42} \cdot 9^{43}$

**6** Find the ones digit of this number once multiplied

<b>a</b>	<b>b</b>	<b>c</b>
5	8	4
<b>d</b>	<b>e</b>	<b>f</b>
2	9	0

$9^{27} \cdot 8^{28}$

**7** Find the ones digit of this number once multiplied

<b>a</b>	<b>b</b>	<b>c</b>
0	1	6
<b>d</b>	<b>e</b>	<b>f</b>
3	2	8

$8^{43} \cdot 3^{42}$