

## Memorize 1 Pattern

## Side 1

Chant aloud.

Complete aloud.

Complete silently.

$0 \times 1 = 0$	$0 \times 1 = 0$	$0 \times 1 =$	$0 \times 1 =$	$0 \times 1 =$	$0 \times 1 =$
$1 \times 1 = 1$	$1 \times 1 = 1$	$1 \times 1 =$	$1 \times 1 =$	$1 \times 1 =$	$1 \times 1 =$
$2 \times 1 = 2$	$2 \times 1 = 2$	$2 \times 1 =$	$2 \times 1 =$	$2 \times 1 =$	$2 \times 1 =$
$3 \times 1 = 3$	$3 \times 1 = 3$	$3 \times 1 =$	$3 \times 1 =$	$3 \times 1 =$	$3 \times 1 =$
$4 \times 1 = 4$	$4 \times 1 = 4$	$4 \times 1 =$	$4 \times 1 =$	$4 \times 1 =$	$4 \times 1 =$
$5 \times 1 = 5$	$5 \times 1 = 5$	$5 \times 1 =$	$5 \times 1 =$	$5 \times 1 =$	$5 \times 1 =$
$6 \times 1 = 6$	$6 \times 1 = 6$	$6 \times 1 =$	$6 \times 1 =$	$6 \times 1 =$	$6 \times 1 =$
$7 \times 1 = 7$	$7 \times 1 = 7$	$7 \times 1 =$	$7 \times 1 =$	$7 \times 1 =$	$7 \times 1 =$
$8 \times 1 = 8$	$8 \times 1 = 8$	$8 \times 1 =$	$8 \times 1 =$	$8 \times 1 =$	$8 \times 1 =$
$9 \times 1 = 9$	$9 \times 1 = 9$	$9 \times 1 =$	$9 \times 1 =$	$9 \times 1 =$	$9 \times 1 =$
$10 \times 1 = 10$	$10 \times 1 = 10$	$10 \times 1 =$	$10 \times 1 =$	$10 \times 1 =$	$10 \times 1 =$

**IDENTITY LAW: Anything multiplied by one is itself**

## Work on Accuracy and Speed

## Side 2

Complete silently.

Complete silently.

Complete silently.

<b>10 x 1 =</b>	<b>1 x 1 =</b>	<b>0 x 1 =</b>	<b>3 x 1 =</b>	<b>4 x 1 =</b>	<b>9 x 1 =</b>
<b>9 x 1 =</b>	<b>3 x 1 =</b>	<b>2 x 1 =</b>	<b>6 x 1 =</b>	<b>8 x 1 =</b>	<b>3 x 1 =</b>
<b>8 x 1 =</b>	<b>5 x 1 =</b>	<b>4 x 1 =</b>	<b>9 x 1 =</b>	<b>5 x 1 =</b>	<b>10 x 1 =</b>
<b>7 x 1 =</b>	<b>7 x 1 =</b>	<b>6 x 1 =</b>	<b>2 x 1 =</b>	<b>9 x 1 =</b>	<b>0 x 1 =</b>
<b>6 x 1 =</b>	<b>9 x 1 =</b>	<b>8 x 1 =</b>	<b>5 x 1 =</b>	<b>3 x 1 =</b>	<b>2 x 1 =</b>
<b>5 x 1 =</b>	<b>0 x 1 =</b>	<b>10 x 1 =</b>	<b>8 x 1 =</b>	<b>7 x 1 =</b>	<b>5 x 1 =</b>
<b>4 x 1 =</b>	<b>2 x 1 =</b>	<b>1 x 1 =</b>	<b>0 x 1 =</b>	<b>2 x 1 =</b>	<b>8 x 1 =</b>
<b>3 x 1 =</b>	<b>4 x 1 =</b>	<b>3 x 1 =</b>	<b>4 x 1 =</b>	<b>6 x 1 =</b>	<b>1 x 1 =</b>
<b>2 x 1 =</b>	<b>6 x 1 =</b>	<b>5 x 1 =</b>	<b>7 x 1 =</b>	<b>10 x 1 =</b>	<b>4 x 1 =</b>
<b>1 x 1 =</b>	<b>8 x 1 =</b>	<b>7 x 1 =</b>	<b>10 x 1 =</b>	<b>1 x 1 =</b>	<b>7 x 1 =</b>
<b>0 x 1 =</b>	<b>10 x 1 =</b>	<b>9 x 1 =</b>	<b>1 x 1 =</b>	<b>0 x 1 =</b>	<b>6 x 1 =</b>

## Memorize 2 Pattern

## Side 1

Chant aloud.

Complete aloud.

Complete silently.

$0 \times 2 = 0$	$0 \times 2 = 0$	$0 \times 2 =$	$0 \times 2 =$	$0 \times 2 =$	$0 \times 2 =$
$1 \times 2 = 2$	$1 \times 2 = 2$	$1 \times 2 =$	$1 \times 2 =$	$1 \times 2 =$	$1 \times 2 =$
$2 \times 2 = 4$	$2 \times 2 = 4$	$2 \times 2 =$	$2 \times 2 =$	$2 \times 2 =$	$2 \times 2 =$
$3 \times 2 = 6$	$3 \times 2 = 6$	$3 \times 2 =$	$3 \times 2 =$	$3 \times 2 =$	$3 \times 2 =$
$4 \times 2 = 8$	$4 \times 2 = 8$	$4 \times 2 =$	$4 \times 2 =$	$4 \times 2 =$	$4 \times 2 =$
$5 \times 2 = 10$	$5 \times 2 = 10$	$5 \times 2 =$	$5 \times 2 =$	$5 \times 2 =$	$5 \times 2 =$
$6 \times 2 = 12$	$6 \times 2 = 12$	$6 \times 2 =$	$6 \times 2 =$	$6 \times 2 =$	$6 \times 2 =$
$7 \times 2 = 14$	$7 \times 2 = 14$	$7 \times 2 =$	$7 \times 2 =$	$7 \times 2 =$	$7 \times 2 =$
$8 \times 2 = 16$	$8 \times 2 = 16$	$8 \times 2 =$	$8 \times 2 =$	$8 \times 2 =$	$8 \times 2 =$
$9 \times 2 = 18$	$9 \times 2 = 18$	$9 \times 2 =$	$9 \times 2 =$	$9 \times 2 =$	$9 \times 2 =$
$10 \times 2 = 20$	$10 \times 2 = 20$	$10 \times 2 =$	$10 \times 2 =$	$10 \times 2 =$	$10 \times 2 =$

**EVEN RULE: All numbers multiplied by two are even.**

## Work on Accuracy and Speed

## Side 2

Complete silently.

Complete silently.

Complete silently.

$10 \times 2 =$	$1 \times 2 =$	$0 \times 2 =$	$3 \times 2 =$	$4 \times 2 =$	$9 \times 2 =$
$9 \times 2 =$	$3 \times 2 =$	$2 \times 2 =$	$6 \times 2 =$	$8 \times 2 =$	$3 \times 2 =$
$8 \times 2 =$	$5 \times 2 =$	$4 \times 2 =$	$9 \times 2 =$	$5 \times 2 =$	$10 \times 2 =$
$7 \times 2 =$	$7 \times 2 =$	$6 \times 2 =$	$2 \times 2 =$	$9 \times 2 =$	$0 \times 2 =$
$6 \times 2 =$	$9 \times 2 =$	$8 \times 2 =$	$5 \times 2 =$	$3 \times 2 =$	$2 \times 2 =$
$5 \times 2 =$	$0 \times 2 =$	$10 \times 2 =$	$8 \times 2 =$	$7 \times 2 =$	$5 \times 2 =$
$4 \times 2 =$	$2 \times 2 =$	$1 \times 2 =$	$0 \times 2 =$	$2 \times 2 =$	$8 \times 2 =$
$3 \times 2 =$	$4 \times 2 =$	$3 \times 2 =$	$4 \times 2 =$	$6 \times 2 =$	$1 \times 2 =$
$2 \times 2 =$	$6 \times 2 =$	$5 \times 2 =$	$7 \times 2 =$	$10 \times 2 =$	$4 \times 2 =$
$1 \times 2 =$	$8 \times 2 =$	$7 \times 2 =$	$10 \times 2 =$	$1 \times 2 =$	$7 \times 2 =$
$0 \times 2 =$	$10 \times 2 =$	$9 \times 2 =$	$1 \times 2 =$	$0 \times 2 =$	$6 \times 2 =$

## Memorize 3 Pattern

## Side 1

Chant aloud.

Complete aloud.

Complete silently.

$0 \times 3 = 0$	$0 \times 3 = 0$	$0 \times 3 =$	$0 \times 3 =$	$0 \times 3 =$	$0 \times 3 =$
$1 \times 3 = 3$	$1 \times 3 = 3$	$1 \times 3 =$	$1 \times 3 =$	$1 \times 3 =$	$1 \times 3 =$
$2 \times 3 = 6$	$2 \times 3 = 6$	$2 \times 3 =$	$2 \times 3 =$	$2 \times 3 =$	$2 \times 3 =$
$3 \times 3 = 9$	$3 \times 3 = 9$	$3 \times 3 =$	$3 \times 3 =$	$3 \times 3 =$	$3 \times 3 =$
$4 \times 3 = 12$	$4 \times 3 = 12$	$4 \times 3 =$	$4 \times 3 =$	$4 \times 3 =$	$4 \times 3 =$
$5 \times 3 = 15$	$5 \times 3 = 15$	$5 \times 3 =$	$5 \times 3 =$	$5 \times 3 =$	$5 \times 3 =$
$6 \times 3 = 18$	$6 \times 3 = 18$	$6 \times 3 =$	$6 \times 3 =$	$6 \times 3 =$	$6 \times 3 =$
$7 \times 3 = 21$	$7 \times 3 = 21$	$7 \times 3 =$	$7 \times 3 =$	$7 \times 3 =$	$7 \times 3 =$
$8 \times 3 = 24$	$8 \times 3 = 24$	$8 \times 3 =$	$8 \times 3 =$	$8 \times 3 =$	$8 \times 3 =$
$9 \times 3 = 27$	$9 \times 3 = 27$	$9 \times 3 =$	$9 \times 3 =$	$9 \times 3 =$	$9 \times 3 =$
$10 \times 3 = 30$	$10 \times 3 = 30$	$10 \times 3 =$	$10 \times 3 =$	$10 \times 3 =$	$10 \times 3 =$

**THREE RULE:** The sum of the digits of any multiple of three is 3, 6, or 9.

## Work on Accuracy and Speed

## Side 2

Complete silently.

Complete silently.

Complete silently.

<b>10 x 3 =</b>	<b>1 x 3 =</b>	<b>0 x 3 =</b>	<b>3 x 3 =</b>	<b>4 x 3 =</b>	<b>9 x 3 =</b>
<b>9 x 3 =</b>	<b>3 x 3 =</b>	<b>2 x 3 =</b>	<b>6 x 3 =</b>	<b>8 x 3 =</b>	<b>3 x 3 =</b>
<b>8 x 3 =</b>	<b>5 x 3 =</b>	<b>4 x 3 =</b>	<b>9 x 3 =</b>	<b>5 x 3 =</b>	<b>10 x 3 =</b>
<b>7 x 3 =</b>	<b>7 x 3 =</b>	<b>6 x 3 =</b>	<b>2 x 3 =</b>	<b>9 x 3 =</b>	<b>0 x 3 =</b>
<b>6 x 3 =</b>	<b>9 x 3 =</b>	<b>8 x 3 =</b>	<b>5 x 3 =</b>	<b>3 x 3 =</b>	<b>2 x 3 =</b>
<b>5 x 3 =</b>	<b>0 x 3 =</b>	<b>10 x 3 =</b>	<b>8 x 3 =</b>	<b>7 x 3 =</b>	<b>5 x 3 =</b>
<b>4 x 3 =</b>	<b>2 x 3 =</b>	<b>1 x 3 =</b>	<b>0 x 3 =</b>	<b>2 x 3 =</b>	<b>8 x 3 =</b>
<b>3 x 3 =</b>	<b>4 x 3 =</b>	<b>3 x 3 =</b>	<b>4 x 3 =</b>	<b>6 x 3 =</b>	<b>1 x 3 =</b>
<b>2 x 3 =</b>	<b>6 x 3 =</b>	<b>5 x 3 =</b>	<b>7 x 3 =</b>	<b>10 x 3 =</b>	<b>4 x 3 =</b>
<b>1 x 3 =</b>	<b>8 x 3 =</b>	<b>7 x 3 =</b>	<b>10 x 3 =</b>	<b>1 x 3 =</b>	<b>7 x 3 =</b>
<b>0 x 3 =</b>	<b>10 x 3 =</b>	<b>9 x 3 =</b>	<b>1 x 3 =</b>	<b>0 x 3 =</b>	<b>6 x 3 =</b>

## Memorize 4 Pattern

## Side 1

Chant aloud.

Complete aloud.

Complete silently.

$0 \times 4 = 0$	$0 \times 4 = 0$	$0 \times 4 =$	$0 \times 4 =$	$0 \times 4 =$	$0 \times 4 =$
$1 \times 4 = 4$	$1 \times 4 = 4$	$1 \times 4 =$	$1 \times 4 =$	$1 \times 4 =$	$1 \times 4 =$
$2 \times 4 = 8$	$2 \times 4 = 8$	$2 \times 4 =$	$2 \times 4 =$	$2 \times 4 =$	$2 \times 4 =$
$3 \times 4 = 12$	$3 \times 4 = 12$	$3 \times 4 =$	$3 \times 4 =$	$3 \times 4 =$	$3 \times 4 =$
$4 \times 4 = 16$	$4 \times 4 = 16$	$4 \times 4 =$	$4 \times 4 =$	$4 \times 4 =$	$4 \times 4 =$
$5 \times 4 = 20$	$5 \times 4 = 20$	$5 \times 4 =$	$5 \times 4 =$	$5 \times 4 =$	$5 \times 4 =$
$6 \times 4 = 24$	$6 \times 4 = 24$	$6 \times 4 =$	$6 \times 4 =$	$6 \times 4 =$	$6 \times 4 =$
$7 \times 4 = 28$	$7 \times 4 = 28$	$7 \times 4 =$	$7 \times 4 =$	$7 \times 4 =$	$7 \times 4 =$
$8 \times 4 = 32$	$8 \times 4 = 32$	$8 \times 4 =$	$8 \times 4 =$	$8 \times 4 =$	$8 \times 4 =$
$9 \times 4 = 36$	$9 \times 4 = 36$	$9 \times 4 =$	$9 \times 4 =$	$9 \times 4 =$	$9 \times 4 =$
$10 \times 4 = 40$	$10 \times 4 = 40$	$10 \times 4 =$	$10 \times 4 =$	$10 \times 4 =$	$10 \times 4 =$

**FOUR RULE: All multiples of four are even.**

## Work on Accuracy and Speed

## Side 2

Complete silently.

Complete silently.

Complete silently.

<b>10 x 4 =</b>	<b>1 x 4 =</b>	<b>0 x 4 =</b>	<b>3 x 4 =</b>	<b>4 x 4 =</b>	<b>9 x 4 =</b>
<b>9 x 4 =</b>	<b>3 x 4 =</b>	<b>2 x 4 =</b>	<b>6 x 4 =</b>	<b>8 x 4 =</b>	<b>3 x 4 =</b>
<b>8 x 4 =</b>	<b>5 x 4 =</b>	<b>4 x 4 =</b>	<b>9 x 4 =</b>	<b>5 x 4 =</b>	<b>10 x 4 =</b>
<b>7 x 4 =</b>	<b>7 x 4 =</b>	<b>6 x 4 =</b>	<b>2 x 4 =</b>	<b>9 x 4 =</b>	<b>0 x 4 =</b>
<b>6 x 4 =</b>	<b>9 x 4 =</b>	<b>8 x 4 =</b>	<b>5 x 4 =</b>	<b>3 x 4 =</b>	<b>2 x 4 =</b>
<b>5 x 4 =</b>	<b>0 x 4 =</b>	<b>10 x 4 =</b>	<b>8 x 4 =</b>	<b>7 x 4 =</b>	<b>5 x 4 =</b>
<b>4 x 4 =</b>	<b>2 x 4 =</b>	<b>1 x 4 =</b>	<b>0 x 4 =</b>	<b>2 x 4 =</b>	<b>8 x 4 =</b>
<b>3 x 4 =</b>	<b>4 x 4 =</b>	<b>3 x 4 =</b>	<b>4 x 4 =</b>	<b>6 x 4 =</b>	<b>1 x 4 =</b>
<b>2 x 4 =</b>	<b>6 x 4 =</b>	<b>5 x 4 =</b>	<b>7 x 4 =</b>	<b>10 x 4 =</b>	<b>4 x 4 =</b>
<b>1 x 4 =</b>	<b>8 x 4 =</b>	<b>7 x 4 =</b>	<b>10 x 4 =</b>	<b>1 x 4 =</b>	<b>7 x 4 =</b>
<b>0 x 4 =</b>	<b>10 x 4 =</b>	<b>9 x 4 =</b>	<b>1 x 4 =</b>	<b>0 x 4 =</b>	<b>6 x 4 =</b>