### POWERS OF 2

<b>2</b> <sup>1</sup> =	2
<b>2</b> <sup>2</sup> =	4
<b>2</b> <sup>3</sup> =	8
<b>2</b> <sup>4</sup> =	16
<b>2</b> <sup>5</sup> =	32
<b>2</b> <sup>6</sup> =	64
<b>2</b> <sup>7</sup> =	128
<b>2</b> <sup>8</sup> =	256

## POWERS OF 3

3 <sup>1</sup> =	3
3 <sup>2</sup> =	9
<b>3</b> <sup>3</sup> =	27
3 <sup>4</sup> =	81
<b>3</b> <sup>5</sup> =	243
3 <sup>6</sup> =	729
3 <sup>7</sup> =	2,187
<b>3</b> <sup>8</sup> =	6,561

## POWERS OF 4

4 <sup>1</sup> =	4
<b>4</b> <sup>2</sup> =	16
4 <sup>3</sup> =	64
44 =	256
4 <sup>5</sup> =	1,024
4 <sup>6</sup> =	4,096
4 <sup>7</sup> =	16,384
4 <sup>8</sup> =	65,536

# POWERS OF 5

<b>5</b> <sup>1</sup> =	5
<b>5</b> <sup>2</sup> =	25
<b>5</b> <sup>3</sup> =	125
<b>5</b> <sup>4</sup> =	625
<b>5</b> <sup>5</sup> =	3,125
<b>5</b> <sup>6</sup> =	15,625
<b>5</b> <sup>7</sup> =	78,125
<b>5</b> <sup>8</sup> =	390,625

### POWERS OF 6

<b>6</b> <sup>1</sup>	=	6
6 <sup>2</sup>	=	36
6 <sup>3</sup>	=	216
64	=	1,296
<b>6</b> <sup>5</sup>	=	7,776
6 <sup>6</sup>	=	46,656
<b>6</b> <sup>7</sup>	=	279,936
6 <sup>8</sup>	=	1,679,616

## POWERS OF 7

<b>7</b> <sup>1</sup> =	7
<b>7</b> <sup>2</sup> =	49
<b>7</b> <sup>3</sup> =	343
<b>7</b> <sup>4</sup> =	2,401
<b>7</b> <sup>5</sup> =	16,807
<b>7</b> <sup>6</sup> =	117,649
<b>7</b> <sup>7</sup> =	823,543
<b>7</b> <sup>8</sup> =	5,764,801

### POWERS OF 8

<b>8</b> <sup>1</sup> =	8
8 <sup>2</sup> =	64
<b>8</b> <sup>3</sup> =	512
8 <sup>4</sup> =	4,096
<b>8</b> <sup>5</sup> =	32,768
<b>8</b> <sup>6</sup> =	262,144
8 <sup>7</sup> =	2,097,152
<b>8</b> <sup>8</sup> =	16,777, 216

#### POWERS OF 9

9 <sup>1</sup>	=	9
9 <sup>2</sup>	=	81
<b>9</b> <sup>3</sup>	=	729
94	=	6,561
9 <sup>5</sup>	=	59,049
9 <sup>6</sup>	=	531,441
9 <sup>7</sup>	=	4,782,969
<b>9</b> <sup>8</sup>	= 4	43,046,721