

Multiplication Tables and Charts

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

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

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

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

$5 \times 1 = 5$
 $5 \times 2 = 10$
 $5 \times 3 = 15$
 $5 \times 4 = 20$
 $5 \times 5 = 25$
 $5 \times 6 = 30$
 $5 \times 7 = 35$
 $5 \times 8 = 40$
 $5 \times 9 = 45$
 $5 \times 10 = 50$

$6 \times 1 = 6$
 $6 \times 2 = 12$
 $6 \times 3 = 18$
 $6 \times 4 = 24$
 $6 \times 5 = 30$
 $6 \times 6 = 36$
 $6 \times 7 = 42$
 $6 \times 8 = 48$
 $6 \times 9 = 54$
 $6 \times 10 = 60$

$7 \times 1 = 7$
 $7 \times 2 = 14$
 $7 \times 3 = 21$
 $7 \times 4 = 28$
 $7 \times 5 = 35$
 $7 \times 6 = 42$
 $7 \times 7 = 49$
 $7 \times 8 = 56$
 $7 \times 9 = 63$
 $7 \times 10 = 70$

$8 \times 1 = 8$
 $8 \times 2 = 16$
 $8 \times 3 = 24$
 $8 \times 4 = 32$
 $8 \times 5 = 40$
 $8 \times 6 = 48$
 $8 \times 7 = 56$
 $8 \times 8 = 64$
 $8 \times 9 = 72$
 $8 \times 10 = 80$

$9 \times 1 = 9$
 $9 \times 2 = 18$
 $9 \times 3 = 27$
 $9 \times 4 = 36$
 $9 \times 5 = 45$
 $9 \times 6 = 54$
 $9 \times 7 = 63$
 $9 \times 8 = 72$
 $9 \times 9 = 81$
 $9 \times 10 = 90$

$10 \times 1 = 10$
 $10 \times 2 = 20$
 $10 \times 3 = 30$
 $10 \times 4 = 40$
 $10 \times 5 = 50$
 $10 \times 6 = 60$
 $10 \times 7 = 70$
 $10 \times 8 = 80$
 $10 \times 9 = 90$
 $10 \times 10 = 100$

$11 \times 1 = 11$
 $11 \times 2 = 22$
 $11 \times 3 = 33$
 $11 \times 4 = 44$
 $11 \times 5 = 55$
 $11 \times 6 = 66$
 $11 \times 7 = 77$
 $11 \times 8 = 88$
 $11 \times 9 = 99$
 $11 \times 10 = 110$

$12 \times 1 = 12$
 $12 \times 2 = 24$
 $12 \times 3 = 36$
 $12 \times 4 = 48$
 $12 \times 5 = 60$
 $12 \times 6 = 72$
 $12 \times 7 = 84$
 $12 \times 8 = 96$
 $12 \times 9 = 108$
 $12 \times 10 = 120$

$13 \times 1 = 13$
 $13 \times 2 = 26$
 $13 \times 3 = 39$
 $13 \times 4 = 52$
 $13 \times 5 = 65$
 $13 \times 6 = 78$
 $13 \times 7 = 91$
 $13 \times 8 = 104$
 $13 \times 9 = 117$
 $13 \times 10 = 130$

$14 \times 1 = 14$
 $14 \times 2 = 28$
 $14 \times 3 = 42$
 $14 \times 4 = 56$
 $14 \times 5 = 70$
 $14 \times 6 = 84$
 $14 \times 7 = 98$
 $14 \times 8 = 112$
 $14 \times 9 = 126$
 $14 \times 10 = 140$

$15 \times 1 = 15$
 $15 \times 2 = 30$
 $15 \times 3 = 45$
 $15 \times 4 = 60$
 $15 \times 5 = 75$
 $15 \times 6 = 90$
 $15 \times 7 = 105$
 $15 \times 8 = 120$
 $15 \times 9 = 135$
 $15 \times 10 = 150$

$16 \times 1 = 16$
 $16 \times 2 = 32$
 $16 \times 3 = 48$
 $16 \times 4 = 64$
 $16 \times 5 = 80$
 $16 \times 6 = 96$
 $16 \times 7 = 112$
 $16 \times 8 = 128$
 $16 \times 9 = 144$
 $16 \times 10 = 160$

$17 \times 1 = 17$
 $17 \times 2 = 34$
 $17 \times 3 = 51$
 $17 \times 4 = 68$
 $17 \times 5 = 85$
 $17 \times 6 = 102$
 $17 \times 7 = 119$
 $17 \times 8 = 136$
 $17 \times 9 = 153$
 $17 \times 10 = 170$

$18 \times 1 = 18$
 $18 \times 2 = 36$
 $18 \times 3 = 54$
 $18 \times 4 = 72$
 $18 \times 5 = 90$
 $18 \times 6 = 108$
 $18 \times 7 = 126$
 $18 \times 8 = 144$
 $18 \times 9 = 162$
 $18 \times 10 = 180$

$19 \times 1 = 19$
 $19 \times 2 = 38$
 $19 \times 3 = 57$
 $19 \times 4 = 76$
 $19 \times 5 = 95$
 $19 \times 6 = 114$
 $19 \times 7 = 133$
 $19 \times 8 = 152$
 $19 \times 9 = 171$
 $19 \times 10 = 190$

$20 \times 1 = 20$
 $20 \times 2 = 40$
 $20 \times 3 = 60$
 $20 \times 4 = 80$
 $20 \times 5 = 100$
 $20 \times 6 = 120$
 $20 \times 7 = 140$
 $20 \times 8 = 160$
 $20 \times 9 = 180$
 $20 \times 10 = 200$

Squares 1 to 50

$1^2 = 1$	$11^2 = 121$	$21^2 = 441$	$31^2 = 961$	$41^2 = 1681$
$2^2 = 4$	$12^2 = 144$	$22^2 = 484$	$32^2 = 1024$	$42^2 = 1764$
$3^2 = 9$	$13^2 = 169$	$23^2 = 529$	$33^2 = 1089$	$43^2 = 1849$
$4^2 = 16$	$14^2 = 196$	$24^2 = 576$	$34^2 = 1156$	$44^2 = 1936$
$5^2 = 25$	$15^2 = 225$	$25^2 = 625$	$35^2 = 1225$	$45^2 = 2025$
$6^2 = 36$	$16^2 = 256$	$26^2 = 676$	$36^2 = 1296$	$46^2 = 2116$
$7^2 = 49$	$17^2 = 289$	$27^2 = 729$	$37^2 = 1369$	$47^2 = 2209$
$8^2 = 64$	$18^2 = 324$	$28^2 = 784$	$38^2 = 1444$	$48^2 = 2304$
$9^2 = 81$	$19^2 = 361$	$29^2 = 841$	$39^2 = 1521$	$49^2 = 2401$
$10^2 = 100$	$20^2 = 400$	$30^2 = 900$	$40^2 = 1600$	$50^2 = 2500$

Cubes 1 to 20

$1^3 = 1$	$11^3 = 1331$
$2^3 = 8$	$12^3 = 1728$
$3^3 = 27$	$13^3 = 2197$
$4^3 = 64$	$14^3 = 2744$
$5^3 = 125$	$15^3 = 3375$
$6^3 = 216$	$16^3 = 4096$
$7^3 = 343$	$17^3 = 4913$
$8^3 = 512$	$18^3 = 5832$
$9^3 = 729$	$19^3 = 6859$
$10^3 = 1000$	$20^3 = 8000$

Fraction	Percentage
$\frac{1}{2}$	50%
$\frac{1}{3}$	33.33% or $33\frac{1}{3}\%$
$\frac{1}{4}$	25%
$\frac{1}{5}$	20%
$\frac{1}{6}$	16.66% or $16\frac{2}{3}\%$
$\frac{1}{7}$	14.28% or $14\frac{2}{7}\%$
$\frac{1}{8}$	12.5% or $12\frac{1}{2}\%$
$\frac{1}{9}$	11.11% or $11\frac{1}{9}\%$
$\frac{1}{10}$	10%
$\frac{1}{11}$	9.09% or $9\frac{1}{11}\%$

$\frac{1}{20}$	5%
$\frac{1}{24}$	4.16% or $4\frac{1}{6}\%$
$\frac{1}{25}$	4%
$\frac{1}{40}$	2.5% or $2\frac{1}{2}\%$
$\frac{1}{30}$	3.33% or $3\frac{1}{3}\%$

$$\rightarrow \frac{1}{2} = 50\% \quad \left| \quad \frac{3}{2} = 150\% \quad \left| \quad \frac{5}{2} = 250\% \quad \left| \quad \frac{7}{2} = 350\% \right. \right.$$

$$\rightarrow \frac{1}{3} = 33.33 (\text{or}) 33 \frac{1}{3}\%$$

$$\frac{2}{3} = 66.66 (\text{or}) 66 \frac{2}{3}\%$$

$$\frac{4}{3} = 133.33 (\text{or}) 133 \frac{1}{3}\%$$

$$\frac{5}{3} = 166.66 (\text{or}) 166 \frac{2}{3}\%$$

$$\rightarrow \frac{1}{4} = 25\% \quad \left| \quad \frac{3}{4} = 75\% \quad \left| \quad \frac{5}{4} = 125\% \right.$$

$$\rightarrow \frac{1}{5} = 20\%$$

$$\frac{2}{5} = 40\%$$

$$\frac{3}{5} = 60\%$$

$$\rightarrow \frac{1}{6} = 16.66 (\text{or}) 16 \frac{2}{3}\%$$

$$\frac{5}{6} = 83.33 (\text{or}) 83 \frac{1}{3}\%$$

$$\frac{7}{6} = 166.66 (\text{or}) 166 \frac{2}{3}\%$$

$$\rightarrow \frac{1}{7} = 14.28 (\infty) 14 \frac{2}{7} \cdot 1.$$

$$\frac{2}{7} = 28.57 (\infty) 28 \frac{4}{7} \cdot 1.$$

$$\frac{3}{7} = 42.85 (\infty) 42 \frac{6}{7} \cdot 1.$$

$$\frac{4}{7} = 57.14 (\infty) 57 \frac{1}{7} \cdot 1.$$

$$\rightarrow \frac{1}{8} = 12.5 (\infty) 12 \frac{1}{2} \cdot 1.$$

$$\frac{3}{8} = 37.5 (\infty) 37 \frac{1}{2} \cdot 1.$$

$$\frac{5}{8} = 62.5 (\infty) 62 \frac{1}{2} \cdot 1.$$

$$\frac{7}{8} = 87.5 (\infty) 87 \frac{1}{2} \cdot 1.$$

$$\rightarrow \frac{1}{9} = 11.11 (\infty) 11 \frac{1}{9} \cdot 1. \quad \left| \quad \frac{2}{9} = 22.22 (\infty) 22 \frac{2}{9} \cdot 1.$$

$$\rightarrow \frac{1}{10} = 10 \cdot 1.$$

$$\rightarrow \frac{1}{11} = 9.09 (\infty) 9 \frac{1}{11} \cdot 1. \quad \left| \quad \frac{2}{11} = 18.18 (\infty) 18 \frac{2}{11} \cdot 1.$$

$$\rightarrow \frac{1}{12} = 8.33 (\infty) 8 \frac{1}{3} \cdot 1.$$

$$\rightarrow \frac{1}{13} = 7.69 (\infty) 7 \frac{9}{13} \cdot 1.$$

$$\rightarrow \frac{1}{14} = 7.14 (\text{or}) 7 \frac{1}{7} \%$$

$$\rightarrow \frac{1}{15} = 6.66 (\text{or}) 6 \frac{2}{3} \%$$

$$\rightarrow \frac{1}{16} = 6.25 (\text{or}) 6 \frac{1}{4} \%$$

$$\rightarrow \frac{1}{17} = 5.88 (\text{or}) 5 \frac{15}{17} \%$$

$$\rightarrow \frac{1}{18} = 5.55 (\text{or}) 5 \frac{5}{9} \%$$

$$\rightarrow \frac{1}{19} = 5.26 (\text{or}) 5 \frac{5}{19} \%$$

$$\rightarrow \frac{1}{20} = 5 \%$$

$$\sqrt{1} = 1$$

$$\sqrt{2} = 1.414$$

$$\sqrt{3} = 1.73$$

$$\sqrt{4} = 2$$

$$\sqrt{5} = 2.24$$

$$\sqrt{6} = 2.44$$

$$\sqrt{7} = 2.64$$

$$\sqrt{8} = 2.82$$

$$\sqrt{9} = 3$$

$$\sqrt{10} = 3.16$$

$$(2)^4 = 16$$

$$(3)^4 = 81$$

$$(4)^4 = 256$$

$$(5)^4 = 625$$

$$(6)^4 = 1296$$

$$(7)^4 = 2401$$

$$(8)^4 = 4096$$

$$(9)^4 = 6561$$

$$(10)^4 = 10,000$$

$$(7 \times 11 \times 13) = 1001$$

(Multiply anything will give that number twice)

$$(7 \times 11 \times 13) \times (569) = 569569$$

Alphabet test :-

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)
A B C D E F G H I J

(11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
K L M N O P Q R S T

(21) (22) (23) (24) (25) (26)
U V W X Y Z

A	B	C	D	E	F	G	H	I	J	K	L	M
Y	X	W	V	U	T	S	R	Q	P	O	N	