

APTITUDE ACE

NUMERICAL REASONING CHEATSHEET

Arithmetic Fundamentals

Table of Squares

Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	20	25
Square	1	4	9	16	25	36	49	64	81	100	121	144	169	196	225	256	400	625

Table of Cubes

Number	2	3	4	5	10	20	100
Cube	8	27	64	125	1000	8000	1000000

Commonly used Decimal, Percent and Fractions(Less than 1)

Percent	10%	20%	25%	30%	33%	40%	50%	60%	66%	75%	80%	90%	100%
Fractions	$\frac{1}{10}$	$\frac{2}{10}$	$\frac{1}{4}$	$\frac{3}{10}$	$\frac{1}{3}$	$\frac{2}{5}$	$\frac{1}{2}$	$\frac{3}{5}$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{9}{10}$	1
Decimals	0.1	0.2	0.25	0.3	0.33	0.4	0.5	0.6	0.66	0.75	0.8	0.9	1

Commonly used Decimal, Percent and Fractions (Greater than 1)

Percent	100%	125%	133.33%	150%	200%
Fractions	1	$\frac{5}{4}$	$\frac{4}{3}$	$\frac{3}{2}$	2
Decimals	1	1.25	1.33	1.5	2.0