MIND MATH PRACTICE – TIER 3

CONTENT	EXAMPLE
Numbers 1 to 1000	Forward counting starting from 388 Backward counting starting from 674
Predecessor from 1 to 1000	Predecessor of 500
Successor from 1 to 1000	Successor of 945
Odd numbers from 1 to 1000	Forward counting of odd numbers starting from 211 Backward counting of odd numbers starting from 673
Even numbers from 1 to 1000	Forward counting of even numbers starting from 438 Backward counting of even numbers starting from 946
Skip counting by 5s	Forward skip counting by 5s starting from 465 Backward skip counting by 5s starting from 890
Skip counting by 10s	Forward skip counting by 10s starting from 203 Backward skip counting by 10s starting from 751
Skip counting by 100s	Forward skip counting by 100s starting from 35 Backward skip counting by 100s starting from 926
Skip counting by 9s	Forward skip counting by 9s starting from 468 Backward skip counting by 9s starting from 856
Skip counting by 19s	Forward skip counting by 19s starting from 283 Backward skip counting by 19s starting from 942
Add 2 digit or 3 digit number to single digit number with units sum < 10	53+5 472+7
Add 2 digit or 3 digit number to single digit number with units sum = 10	82+8 551+9
Add 2 digit or 3 digit number to single digit number with units sum > 10	86+7 597+6
Add single digit and 2 digit number to base numbers up to 1000	70 +7, 500+38, 900+79
Add 2 digit or 3 digit number to 9	58+9, 453+9
Add 2 digit or 3 digit number to 19	85+19, 725+19
Add 2 digit or 3 digit number to 8	67+8, 514+8
Add 2 digit or 3 digit number to 18	49+18, 683+18
Doubling of 2 digit number	Doubling of 96

Doubling of 3 digit number ending with 0s and 5s	Doubling of 370, doubling of 275
Subtract single digit number from 2 digit or 3 digit number (units place > single digit)	86 – 4 608 – 5
Subtract single digit number from 2 digit or 3 digit number (units place = single digit)	84 – 4 126 – 6
Subtract single digit number from 2 digit or 3 digit number (units place = 0)	90 – 8 430 – 6
Subtract single digit number from 2 digit or 3 digit number (units place < single digit)	84 – 7 741 – 8
Subtract 2 digit tens from 2 digit tens	80 – 50
Subtract 2 digit tens from 2 digit number	67 – 20
Subtract 9 from 2 digit or 3 digit number	47 – 9, 836 – 9
Subtract 19 from 2 digit or 3 digit number	83 – 19, 521 – 19
Subtract 8 from 2 digit or 3 digit number	65 – 8, 372 – 8
Subtract 18 from 2 digit or 3 digit number	91 – 18, 607 – 18
Subtract any number from 100	100-8, 100-38, 100-40
Subtract any number from different 100	200-5, 500-57, 700-90, 600-292, 900-440
Addition and subtraction rules	32+?=32, 46-?=0, ?-85=0, ?-0 = 76
Multiply single digit by 2 to 11	3x5, 7x2, 9x11
Multiply single digit by tens	7x20, 9x60, 8x70
Multiply tens by tens	30x70, 50x60, 90x40
Multiplication rules	8x?=8, 9x?=0, ?x1=10
Multiply 2 digit by 2 using doubling	27x2, 58x2
Multiply 2 digit by 11	34x11, 76x11
Multiply single digit and 2 digit by 99	3x99, 48x99, 70x99
Divide by 2 to 11 without remainder	12÷ 2, 35÷5, 90÷10, 56÷8
Divide by 2 to 11 with remainder	17÷2, 44÷5, 87÷10, 54÷7
Dividend < divisor 2 to 11	3÷5, 7÷10, 6÷11, 8÷9
Division rules	$7\div 1 =?, 8\div ?=1$, 9÷0=?, $? \div 5 = 0$
Integer comparison between -5 to 5	-4 and -1, which is greater?
Conversion of 2 digit to vinculum	Vinculum of 39
Conversion of 2 digit vinculum to integer	Integer of $7\overline{2}$
Square of single digit number	7^2
Square of numbers ending with zero	40^2
Square of numbers ending with 5	85^2
Multiply numbers ending with 5 using doubling	45x4
Divide 100s by 2 and 4 using halving	300÷4
Divisibility rules	What is digit sum? What is the rule to check divisibility for 6?
Fractions explanation	What are like fractions?
Conversion	cm to mm, m to cm, metric to milli, kilo to metric
Square	Area and perimeter of square with side ending with 0s or 5s
Polygons	What is regular polygon? What is irregular polygon?

Name of a polygon	What is the name of a polygon with 7 sides?
Shapes	Name few 2D shapes. Name few 3D shapes.
Point, line, line segment and ray	Definition