

Addition Strategies – Triangles P1a

Addition Strategies

(B)

① Partitioning

$$\begin{array}{r} 35 + 23 = 58 \\ \begin{array}{r} / \quad \backslash \\ 30 \quad 5 \end{array} \quad \begin{array}{r} / \quad \backslash \\ 20 \quad 3 \end{array} \end{array}$$

$$\begin{array}{l} \text{tens} \quad 30 + 20 = 50 \\ \text{ones} \quad 5 + 3 = 8 \end{array} \quad \left. \begin{array}{l} \backslash \\ / \end{array} \right\} 50 + 8 = 58$$

② Adding 9, 11, 19, 21 etc.

$$26 + 9 = 35$$

$$\text{add } 10 : 26 + 10 = 36$$

$$\text{then count back } 1 = 35$$

$$26 + 11 = 37$$

$$\text{add } 10 : 26 + 10 = 36$$

$$\text{then count on } 1 = 37$$

③ Use facts you know

$$42 + 7 = 49$$

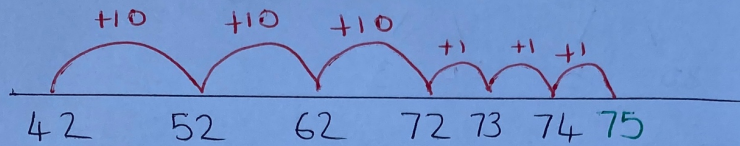
$$2 + 7 = 9$$

$$\text{so } 42 + 7 = 49$$

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④ Bridging / Using a number line

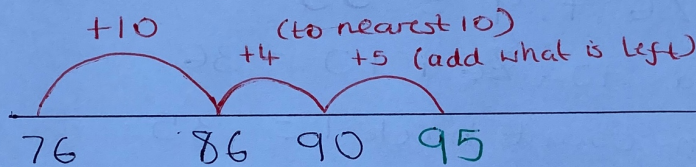
① $42 + 33 = 75$



② $76 + 19 = 95$

CAN'T ADD UNITS EASILY

(add 10s first)



⑤ Chimney Sums

Then add tens

② $\begin{array}{r} 63 \\ + 34 \\ \hline 97 \end{array}$

① add ones first

with carrying

③ add tens, don't forget the ten carried over (tick it!)

① add ones first

② carry over

$7 + 5 = 12$

Keep ones in ones column

$\begin{array}{r} 47 \\ + 25 \\ \hline 72 \end{array}$

2 Times Table Activities

Count in 2s and colour in the grid:

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

Work out these answers:

a) $1 \times 2 =$ _____

b) $3 \times 2 =$ _____

c) $5 \times 2 =$ _____

d) $7 \times 2 =$ _____

e) $9 \times 2 =$ _____

f) $11 \times 2 =$ _____

g) $2 \times 2 =$ _____

h) $4 \times 2 =$ _____


i) $6 \times 2 =$ _____


j) $8 \times 2 =$ _____

k) $10 \times 2 =$ _____


l) $12 \times 2 =$ _____

How many ears are there?

a)  _____ \times _____ = _____

b)  _____ \times _____ = _____

c)  _____ \times _____ = _____

d)  _____ \times _____ = _____

5 Times Table Activities

Count in 5s and colour in the grid:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Work out these answers:

a) $2 \times 5 =$ _____

d) $6 \times 5 =$ _____

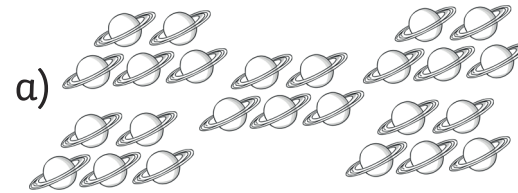
b) $4 \times 5 =$ _____

e) $7 \times 5 =$ _____

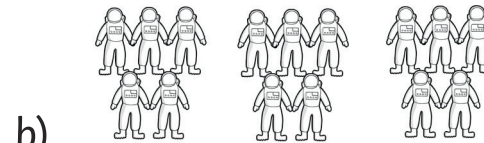
c) $5 \times 5 =$ _____

f) $12 \times 5 =$ _____

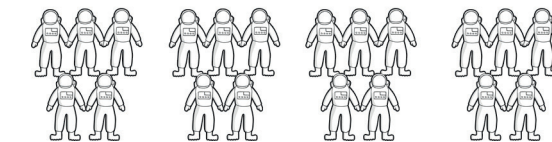
How many are there?



_____ x _____ = _____



_____ x _____ = _____



_____ x _____ = _____

10 Times Table Activities

Count in 10s and colour in the grid:

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

Work out these answers:

a) $2 \times 10 =$ _____

d) $6 \times 10 =$ _____

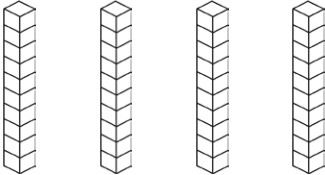
b) $10 \times 10 =$ _____

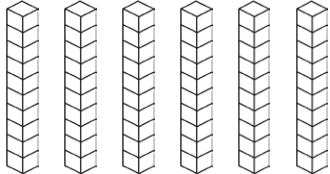
e) $12 \times 10 =$ _____

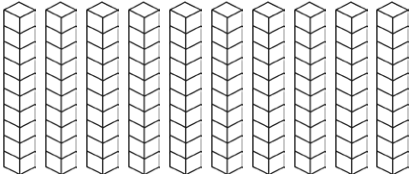
c) $5 \times 10 =$ _____

f) $9 \times 10 =$ _____

How many cubes are there? There are 10 cubes per stack.

a)  _____ x _____ = _____

b)  _____ x _____ = _____

c)  _____ x _____ = _____

Column Addition Practice

a.				b.				c.				d.				e.			
	1	4			5	2			5	4			3	2			1	0	
+	2	3		+	4	1		+	4	5		+	3	2		+	4	4	
f.				g.				h.				i.				j.			
	5	4			7	4			6	3			2	1			3	8	
+	3	2		+	2	1		+	2	4		+	3	7		+	3	1	
k.				l.				m.				n.				o.			
	5	7			6	8			3	5			3	2			4	5	
+	1	2		+	2	1		+	2	4		+	1	1		+	2	2	
p.				q.				r.				s.				t.			
	7	4			5	5			1	6			5	2			6	1	
+	1	2		+	3	2		+	4	3		+	2	4		+	3	8	
u.				v.				w.				x.				y.			
	6	2			6	8			3	5			5	2			7	4	
+	3	7		+	2	1		+	5	4		+	1	7		+	2	3	

Column Addition Practice

a.				b.				c.				d.				e.			
	5	6			7	2			5	9			3	2			7	0	
+	2	3		+	1	6		+	4	5		+	3	2		+	2	4	
f.				g.				h.				i.				j.			
	5	4			7	9			4	4			2	3			5	8	
+	3	2		+	2	6		+	2	6		+	5	9		+	3	7	
k.				l.				m.				n.				o.			
	7	8			4	8			5	3			4	2			4	7	
+	1	5		+	2	4		+	1	8		+	1	9		+	2	7	
p.				q.				r.				s.				t.			
	7	8			3	8			1	6			5	2			2	9	
+	1	2		+	3	5		+	4	8		+	3	7		+	4	4	
u.				v.				w.				x.				y.			
	6	0			2	8			3	7			6	4			2	8	
+	3	7		+	4	6		+	4	5		+	1	7		+	2	3	