George Spicer "Cheat Sheet"

Fraction, Percentages & Decimal

Fraction	Percentage	Decimal
1/1	100%	1.0
1/2	50%	0.50
1/4	25%	0.25
3/4	75%	0.75
1/3	33%	0.33
1/5	20%	0.20
1/10	10%	0.10

Number bonds

To 10	To 20
0 + 10	10 + 10
1 + 9	11 + 9
2 + 8	12 + 8
3 + 7	13 + 7
4 + 6	14 + 6
5 + 5	15 + 5

Conversions

15 minutes	¼ of an hour
30 minutes	½ hour
60 minutes	1 hour
24 hours	1 day
100p	£1
200p	£2
500p	£5

Times Tables

x	2's	3's	5's	10's
X0	0	0	0	0
X1	2	3	5	10
X2	4	6	10	20
X3	6	9	15	30
X4	8	12	20	40
X5	10	15	25	50
X6	12	18	30	60
X7	14	21	35	70
X8	16	24	40	80
X9	18	27	45	90
X10	20	30	50	100
X11	22	33	55	110
X12	24	36	60	120

Place Value

Hundreds	Tens	Ones		Tenths	Hundredths
100	10	1		0.1	0.01

Why the answer works…

It must be… because…
This is true here because…
This is always true because…

Why the answer does not work…

It can't be… because…
This is false here because…
This is always false because…

Asking questions of your working

How do you know…?
What do you think…?
Is this always the case…?
What is the pattern…?
Have you worked systematically…?
Is this the best method…?

Finding links with your working…

I know… so therefore…
I already know that… so therefore…
I know that… because…
This is the same because…
This is different because…
If… then…

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