Mental Maths Challenge Sheets

During the time of ‘working at home’, some parents who remember these sheets from a few years ago have asked for them to be available on our website again, so here they are!

The idea of these sheets is that the children work on them until they are confidently getting the majority right, then they move on to the next one.

You will see that they get progressively more difficult, perhaps start with a sheet that you think may be too easy for your child to build / maintain their confidence.

You don’t have to print them off, your child could just write the answers on a piece of paper and then you could check them. Perhaps your child could try to answer in a quicker amount of time each go?

White sheet 1

(Number bonds to 5 +)

0 + 1 =	2 + 3 =
1 + 1 =	4 + 0 =
0 + 2 =	0 + 4 =
2 + 1 =	1 + 4 =
2 + 2 =	5 + 0 =
1 + 2 =	0 + 5 =
3 + 0 =	0 + 0 =
3 + 1 =	

White sheet 1

(Number bonds to 5 +)

0 + 1 =	2 + 3 =
1 + 1 =	4 + 0 =
0 + 2 =	0 + 4 =
2 + 1 =	1 + 4 =
2 + 2 =	5 + 0 =
1 + 2 =	0 + 5 =
3 + 0 =	0 + 0 =
3 + 1 =	

White sheet 2

(Number bonds to 5 +)

2 + 3 =	0 + 1 =
0 + 4 =	2 + 1 =
1 + 4 =	1 + 1 =
4 + 0 =	3 + 1 =
5 + 0 =	0 + 2 =
2 + 2 =	1 + 2 =
0 + 5 =	0 + 0 =
3 + 0 =	

White sheet 2

(Number bonds to 5 +)

2 + 3 =	0 + 1 =
0 + 4 =	2 + 1 =
1 + 4 =	1 + 1 =
4 + 0 =	3 + 1 =
5 + 0 =	0 + 2 =
2 + 2 =	1 + 2 =
0 + 5 =	0 + 0 =
3 + 0 =	

White sheet 3

(Number bonds to 5 + and -)

0 + 1 =	3 - 2 =
1 - 1 =	4 - 0 =
0 + 2 =	0 + 4 =
2 - 1 =	1 + 4 =
2 + 2 =	5 - 0 =
1 + 2 =	0 + 5 =
3 - 0 =	0 + 0 =
3 - 1 =	

White sheet 3

(Number bonds to 5 + and -)

0 + 1 =	3 - 2 =
1 - 1 =	4 - 0 =
0 + 2 =	0 + 4 =
2 - 1 =	1 + 4 =
2 + 2 =	5 - 0 =
1 + 2 =	0 + 5 =
3 - 0 =	0 + 0 =
3 - 1 =	

White sheet 4

(Number bonds to 5 + and -)

1 - 1 =	3 - 2 =
4 - 0 =	0 + 1 =
0 + 2 =	2 - 1 =
0 + 4 =	1 + 4 =
5 - 0 =	0 + 5 =
1 + 2 =	2 + 2 =
0+ 0 =	3 - 1 =
3 - 0 =	

White sheet 4

(Number bonds to 5 + and -)

1 - 1 =	3 - 2 =
4 - 0 =	0 + 1 =
0 + 2 =	2 - 1 =
0 + 4 =	1 + 4 =
5 - 0 =	0 + 5 =
1 + 2 =	2 + 2 =
0+ 0 =	3 - 1 =
3 - 0 =	

Blue sheet 1

(Number bonds to 10)

5 + 5 =	6 + 3 =	3 + 5 =
2 + 3 =	4 + 5 =	7 + 3 =
7 + 2 =	6 + 4 =	1 + 4 =
1 + 6 =	8 + 1 =	4 + 1 =
3 + 3 =	9 + 1 =	5 + 3 =
4 + 2 =	10 + 0 =	2 + 6 =
5 + 4 =	8 + 2 =	0 + 10 =
2 + 8 =	3 + 4 =	1 + 1 =

Blue sheet 1

(Number bonds to 10)

5 + 5 =	6 + 3 =	3 + 5 =
2 + 3 =	4 + 5 =	7 + 3 =
7 + 2 =	6 + 4 =	1 + 4 =
1 + 6 =	8 + 1 =	4 + 1 =
3 + 3 =	9 + 1 =	5 + 3 =
4 + 2 =	10 + 0 =	2 + 6 =
5 + 4 =	8 + 2 =	0 + 10 =
2 + 8 =	3 + 4 =	1 + 1 =

Blue sheet 2

(Number bonds to 10 +)

3 + 5 =	2 + 3 =	5 + 5 =
2 + 3 =	6 + 3 =	7 + 3 =
1 + 4 =	6 + 4 =	8 + 1 =
1 + 6 =	7 + 2 =	4 + 1 =
9 + 1 =	2 + 6 =	2 + 4 =
0 + 10 =	5 + 4 =	3 + 3 =
2 + 6 =	8 + 2 =	0 + 10 =
3 + 4 =	1 + 1 =	2 + 8 =

Blue sheet 2

(Number bonds to 10 +)

3 + 5 =	2 + 3 =	5 + 5 =
2 + 3 =	6 + 3 =	7 + 3 =
1 + 4 =	6 + 4 =	8 + 1 =
1 + 6 =	7 + 2 =	4 + 1 =
9 + 1 =	2 + 6 =	2 + 4 =
0 + 10 =	5 + 4 =	3 + 3 =
2 + 6 =	8 + 2 =	0 + 10 =
3 + 4 =	1 + 1 =	2 + 8 =

Blue sheet 3

(Doubles to 10)

Double 3 =	Double 2 =
Double 10 =	Double 8 =
Double 0 =	Double 4 =
Double 7 =	Double 6 =
Double 1 =	Double 5 =
Double 9 =	

Blue sheet 3

(Doubles to 10)

Double 3 =	Double 2 =
Double 10 =	Double 8 =
Double 0 =	Double 4 =
Double 7 =	Double 6 =
Double 1 =	Double 5 =
Double 9 =	

Blue sheet 4

(Doubles to 10)

Double 9 =	Double 7 =
Double 5 =	Double 0 =
Double 4 =	Double 8 =
Double 2 =	Double 1 =
Double 6 =	Double 10 =
Double 3 =	

Blue sheet 4

(Doubles to 10)

Double 9 =	Double 7 =
Double 5 =	Double 0 =
Double 4 =	Double 8 =
Double 2 =	Double 1 =
Double 6 =	Double 10 =
Double 3 =	

Blue sheet 5

(Number bonds to 10 + and -)

5 + 5 =	4 + 2 =	10 - 9 =
3 - 1 =	5 - 5 =	7 + 2 =
6 + 4 =	7 - 6 =	2 + 8 =
7 + 2 =	3 + 5 =	4 – 0 =
8 - 2 =	5 - 3 =	10 + 0 =
5 + 3 =	8 + 2 =	7 - 5 =
1 + 1 =	9 - 3 =	3 + 4 =
3 - 1 =	1 + 4 =	4 - 2 =

Blue sheet 5

(Number bonds to 10 + and -)

5 + 5 =	4 + 2 =	10 - 9 =
3 - 1 =	5 - 5 =	7 + 2 =
6 + 4 =	7 - 6 =	2 + 8 =
7 + 2 =	3 + 5 =	4 – 0 =
8 - 2 =	5 - 3 =	10 + 0 =
5 + 3 =	8 + 2 =	7 - 5 =
1 + 1 =	9 - 3 =	3 + 4 =
3 - 1 =	1 + 4 =	4 - 2 =

Blue sheet 6

(Number bonds to 10 + and -)

5 - 5 =	5 + 5 =	3 - 1 =
4 + 2 =	10 - 9 =	4 + 5 =
7 - 6 =	7 + 2 =	6 + 4 =
2 + 8 =	4 - 0 =	8 - 2 =
3 + 5 =	5 + 3 =	8 + 2 =
5 - 3 =	7 - 5 =	10 + 0 =
1 + 4 =	3 - 1 =	4 - 2 =
9 - 3 =	1 + 1 =	3 + 4 =

Blue sheet 6

(Number bonds to 10 + and -)

5 - 5 =	5 + 5 =	3 - 1 =
4 + 2 =	10 - 9 =	4 + 5 =
7 - 6 =	7 + 2 =	6 + 4 =
2 + 8 =	4 - 0 =	8 - 2 =
3 + 5 =	5 + 3 =	8 + 2 =
5 - 3 =	7 - 5 =	10 + 0 =
1 + 4 =	3 - 1 =	4 - 2 =
9 - 3 =	1 + 1 =	3 + 4 =

Blue sheet 7

(Doubles and halves to 10)

Double 4 =	Half of 4 =
Half of 10 =	Double 7 =
Double 0 =	Half of 8 =
Half of 2 =	Double 5 =
Double 10 =	Double 1 =
Half of 6 =	Double 2 =
Double 3 =	Double 6 =
Half of 0 =	Double 8 =
Double 9 =	

Blue sheet 7

(Doubles and halves to 10)

Double 4 =	Half of 4 =
Half of 10 =	Double 7 =
Double 0 =	Half of 8 =
Half of 2 =	Double 5 =
Double 10 =	Double 1 =
Half of 6 =	Double 2 =
Double 3 =	Double 6 =
Half of 0 =	Double 8 =
Double 9 =	

Blue sheet 8

(Doubles and halves to 10)

Double 6 =	Half of 10 =
Half of 4 =	Double 7 =
Double 2 =	Half of 2 =
Half of 6 =	Double 10 =
Double 1 =	Double 4 =
Half of 8 =	Double 0 =
Double 8 =	Double 5 =
Half of 0 =	Double 6 =
Double 3 =	

Blue sheet 8

(Doubles and halves to 10)

Double 6 =	Half of 10 =
Half of 4 =	Double 7 =
Double 2 =	Half of 2 =
Half of 6 =	Double 10 =
Double 1 =	Double 4 =
Half of 8 =	Double 0 =
Double 8 =	Double 5 =
Half of 0 =	Double 6 =
Double 3 =	

Yellow sheet 1

(Number bonds to 20 +)

10 + 5 =	10 + 10 =	19 + 1 =
6 + 3 =	4 + 9 =	3 + 16 =
17 + 3 =	12 + 5 =	14 + 5 =
4 + 4 =	11 + 8 =	0 + 13 =
4 + 12 =	3 + 15 =	7 + 12 =
10 + 4 =	4 + 16 =	1 + 18 =
13 + 3 =	7 + 4 =	4 + 10 =
0 + 20 =	5 + 7 =	2 + 16 =

Yellow sheet 1

(Number bonds to 20 +)

10 + 5 =	10 + 10 =	19 + 1 =
6 + 3 =	4 + 9 =	3 + 16 =
17 + 3 =	12 + 5 =	14 + 5 =
4 + 4 =	11 + 8 =	0 + 13 =
4 + 12 =	3 + 15 =	7 + 12 =
10 + 4 =	4 + 16 =	1 + 18 =
13 + 3 =	7 + 4 =	4 + 10 =
0 + 20 =	5 + 7 =	2 + 16 =

Yellow sheet 2

(Number bonds to 20 +)

2 + 16 =	5 + 7 =	19 + 1 =
19 + 1 =	6 + 3 =	3 + 16 =
13 + 3 =	4 + 10 =	1 + 18 =
4 + 4 =	1 + 18 =	10 + 4 =
4 + 16 =	0 + 13 =	7 + 12 =
3 + 15 =	7 + 12 =	14 + 5 =
4 + 9 =	17 + 3 =	12 + 5 =
0 + 20 =	10 + 10 =	10 + 5 =

Yellow sheet 2

(Number bonds to 20 +)

2 + 16 =	5 + 7 =	19 + 1 =
19 + 1 =	6 + 3 =	3 + 16 =
13 + 3 =	4 + 10 =	1 + 18 =
4 + 4 =	1 + 18 =	10 + 4 =
4 + 16 =	0 + 13 =	7 + 12 =
3 + 15 =	7 + 12 =	14 + 5 =
4 + 9 =	17 + 3 =	12 + 5 =
0 + 20 =	10 + 10 =	10 + 5 =

Yellow sheet 3

(Number bonds to 20 + and -)

10 + 5 =	20 - 14 =	5 + 15 =
19 - 3 =	12 + 5 =	19 - 5 =
13 + 7 =	11 + 8 =	14 - 7 =
11 - 2 =	19 - 5 =	1 + 18 =
17 - 11 =	15 - 7 =	11 - 8 =
10 + 4 =	15 - 10 =	19 + 1 =
16 - 7 =	3 + 15 =	4 + 10 =
13 + 5 =	19 - 12 =	20 - 15 =

Yellow sheet 3

(Number bonds to 20 + and -)

10 + 5 =	20 - 14 =	5 + 15 =
19 - 3 =	12 + 5 =	19 - 5 =
13 + 7 =	11 + 8 =	14 - 7 =
11 - 2 =	19 - 5 =	1 + 18 =
17 - 11 =	15 - 7 =	11 - 8 =
10 + 4 =	15 - 10 =	19 + 1 =
16 - 7 =	3 + 15 =	4 + 10 =
13 + 5 =	19 - 12 =	20 - 15 =

Yellow sheet 4

(Number bonds to 20 + and -)

20 - 15 =	16 - 7 =	13 + 5 =
19 - 3 =	12 + 5 =	14 - 7 =
13 + 7 =	11 - 8 =	19 + 1 =
11 - 2 =	19 - 14 =	1 + 18 =
15 - 7 =	15 - 10 =	11 + 8 =
10 + 4 =	15 - 7 =	19 - 12 =
20 - 14 =	3 + 15 =	4 + 10 =
5 + 15 =	19 - 5 =	10 + 5 =

Yellow sheet 4

(Number bonds to 20 + and -)

20 - 15 =	16 - 7 =	13 + 5 =
19 - 3 =	12 + 5 =	14 - 7 =
13 + 7 =	11 - 8 =	19 + 1 =
11 - 2 =	19 - 14 =	1 + 18 =
15 - 7 =	15 - 10 =	11 + 8 =
10 + 4 =	15 - 7 =	19 - 12 =
20 - 14 =	3 + 15 =	4 + 10 =
5 + 15 =	19 - 5 =	10 + 5 =

Red sheet 1

(2x)

0 x 2 =	9 x 2 =	2 x 12 =
1 x 2=	10 x 2 =	2 x 1 =
2 x 2 =	11 x 2 =	2 x 4 =
3 x 2 =	12 x 2 =	2 x 10 =
4 x 2 =	2 x 8 =	2 x 0 =
5 x 2 =	2 x 5 =	2 x 6 =
6 x 2 =	2 x 7 =	2 x 11 =
7 x 2 =	2 x 3 =	2 x 2 =
8 x 2 =	2 x 9 =	

Red sheet 1

(2x)

0 x 2 =	9 x 2 =	2 x 12 =
1 x 2=	10 x 2 =	2 x 1 =
2 x 2 =	11 x 2 =	2 x 4 =
3 x 2 =	12 x 2 =	2 x 10 =
4 x 2 =	2 x 8 =	2 x 0 =
5 x 2 =	2 x 5 =	2 x 6 =
6 x 2 =	2 x 7 =	2 x 11 =
7 x 2 =	2 x 3 =	2 x 2 =
8 x 2 =	2 x 9 =	

Red sheet 2

(2x)

0 x 2 =	2 x 7 =	2 x 12 =
2 x 9=	10 x 2 =	2 x 1 =
6 x 2 =	2 x 4 =	11 x 2 =
2 x 3 =	12 x 2 =	5 x 2 =
4 x 2 =	2 x 10 =	2 x 0 =
2 x 8 =	2 x 5 =	9 x 2 =
2 x 6 =	3 x 2 =	2 x 11 =
7 x 2 =	2 x 2 =	8 x 2 =
2 x 2 =	1 x 2 =	

Red sheet 2

(2x)

0 x 2 =	2 x 7 =	2 x 12 =
2 x 9=	10 x 2 =	2 x 1 =
6 x 2 =	2 x 4 =	11 x 2 =
2 x 3 =	12 x 2 =	5 x 2 =
4 x 2 =	2 x 10 =	2 x 0 =
2 x 8 =	2 x 5 =	9 x 2 =
2 x 6 =	3 x 2 =	2 x 11 =
7 x 2 =	2 x 2 =	8 x 2 =
2 x 2 =	1 x 2 =	

Red sheet 3

(2 ÷)

6 ÷ 2 =	2 ÷ 1 =	16 ÷ 2 =
12 ÷ 2 =	14 ÷ 7 =	8 ÷ 4 =
24 ÷ 2 =	20 ÷ 2 =	12 ÷ 6 =
2 ÷ 2 =	18 ÷ 9 =	16 ÷ 8 =
6 ÷ 3 =	18 ÷ 2 =	4 ÷ 2 =
10 ÷ 2 =	22 ÷ 2 =	20 ÷ 10 =
10 ÷ 5 =	14 ÷ 7 =	24 ÷ 12 =
8 ÷ 2 =	22 ÷ 11 =	4 ÷ 2 =

Red sheet 3

(2 ÷)

6 ÷ 2 =	2 ÷ 1 =	16 ÷ 2 =
12 ÷ 2 =	14 ÷ 7 =	8 ÷ 4 =
24 ÷ 2 =	20 ÷ 2 =	12 ÷ 6 =
2 ÷ 2 =	18 ÷ 9 =	16 ÷ 8 =
6 ÷ 3 =	18 ÷ 2 =	4 ÷ 2 =
10 ÷ 2 =	22 ÷ 2 =	20 ÷ 10 =
10 ÷ 5 =	14 ÷ 7 =	24 ÷ 12 =
8 ÷ 2 =	22 ÷ 11 =	4 ÷ 2 =

Red sheet 4

(2 ÷)

4 ÷ 2 =	2 ÷ 1 =	12 ÷ 2 =
16 ÷ 2 =	24 ÷ 12 =	8 ÷ 4 =
22 ÷ 2 =	8 ÷ 2 =	12 ÷ 6 =
2 ÷ 2 =	18 ÷ 9 =	16 ÷ 8 =
20 ÷ 10 =	18 ÷ 2 =	6 ÷ 2 =
10 ÷ 2 =	24 ÷ 2 =	6 ÷ 3 =
22 ÷ 11 =	14 ÷ 7 =	14 ÷ 7 =
20 ÷ 2 =	10 ÷ 5 =	4 ÷ 2 =

Red sheet 4

(2 ÷)

4 ÷ 2 =	2 ÷ 1 =	12 ÷ 2 =
16 ÷ 2 =	24 ÷ 12 =	8 ÷ 4 =
22 ÷ 2 =	8 ÷ 2 =	12 ÷ 6 =
2 ÷ 2 =	18 ÷ 9 =	16 ÷ 8 =
20 ÷ 10 =	18 ÷ 2 =	6 ÷ 2 =
10 ÷ 2 =	24 ÷ 2 =	6 ÷ 3 =
22 ÷ 11 =	14 ÷ 7 =	14 ÷ 7 =
20 ÷ 2 =	10 ÷ 5 =	4 ÷ 2 =

Red sheet 5

(10x)

0 x 10 =	9 x 10 =	10 x 12 =
1 x 10 =	10 x 10 =	10 x 1 =
2 x 10 =	11 x 10 =	10 x 4 =
3 x 10 =	12 x 10 =	10 x 10 =
4 x 10 =	10 x 8 =	10 x 0 =
5 x 10 =	10 x 5 =	10 x 6 =
6 x 10 =	10 x 7 =	10 x 11 =
7 x 10 =	10 x 3 =	10 x 2 =
8 x 10 =	10 x 9 =	

Red sheet 5

(10x)

0 x 10 =	9 x 10 =	10 x 12 =
1 x 10 =	10 x 10 =	10 x 1 =
2 x 10 =	11 x 10 =	10 x 4 =
3 x 10 =	12 x 10 =	10 x 10 =
4 x 10 =	10 x 8 =	10 x 0 =
5 x 10 =	10 x 5 =	10 x 6 =
6 x 10 =	10 x 7 =	10 x 11 =
7 x 10 =	10 x 3 =	10 x 2 =
8 x 10 =	10 x 9 =	

Red sheet 6

(10x)

0 x 10 =	10 x 7 =	10 x 12 =
10 x 9=	10 x 10 =	10 x 1 =
6 x 10 =	10 x 4 =	11 x 10 =
10 x 3 =	12 x 10 =	5 x 10 =
4 x 10 =	10 x 10 =	10 x 0 =
10 x 8 =	10 x 5 =	9 x 10 =
10 x 6 =	3 x 10 =	10 x 11 =
7 x 10 =	10 x 2 =	8 x 10 =
2 x 10 =	1 x 10 =	

Red sheet 6

(10x)

0 x 10 =	10 x 7 =	10 x 12 =
10 x 9=	10 x 10 =	10 x 1 =
6 x 10 =	10 x 4 =	11 x 10 =
10 x 3 =	12 x 10 =	5 x 10 =
4 x 10 =	10 x 10 =	10 x 0 =
10 x 8 =	10 x 5 =	9 x 10 =
10 x 6 =	3 x 10 =	10 x 11 =
7 x 10 =	10 x 2 =	8 x 10 =
2 x 10 =	1 x 10 =	

Red sheet 7

(10 ÷)

10 ÷ 1 =	100 ÷ 10 =	90 ÷ 10 =
60 ÷ 10 =	40 ÷ 10 =	20 ÷ 2 =
120 ÷ 10 =	30 ÷ 3 =	70 ÷ 10 =
90 ÷ 9 =	110 ÷ 10 =	120 ÷ 12 =
20 ÷ 10 =	30 ÷ 10 =	50 ÷ 5 =
50 ÷ 10 =	40 ÷ 4 =	10 ÷ 10 =
70 ÷ 7 =	60 ÷ 6 =	110 ÷ 11 =
80 ÷ 10 =	80 ÷ 8 =	100 ÷ 10 =

Red sheet 7

(10 ÷)

10 ÷ 1 =	100 ÷ 10 =	90 ÷ 10 =
60 ÷ 10 =	40 ÷ 10 =	20 ÷ 2 =
120 ÷ 10 =	30 ÷ 3 =	70 ÷ 10 =
90 ÷ 9 =	110 ÷ 10 =	120 ÷ 12 =
20 ÷ 10 =	30 ÷ 10 =	50 ÷ 5 =
50 ÷ 10 =	40 ÷ 4 =	10 ÷ 10 =
70 ÷ 7 =	60 ÷ 6 =	110 ÷ 11 =
80 ÷ 10 =	80 ÷ 8 =	100 ÷ 10 =

Red sheet 8

(10 ÷)

20 ÷ 2 =	70 ÷ 10 =	60 ÷ 10 =
90 ÷ 10 =	40 ÷ 10 =	10 ÷ 1 =
10 ÷ 10 =	70 ÷ 7 =	100 ÷ 10 =
40 ÷ 4 =	110 ÷ 10 =	120 ÷ 12 =
20 ÷ 10 =	80 ÷ 10 =	110 ÷ 11 =
100 ÷ 10 =	90 ÷ 9 =	120 ÷ 10 =
60 ÷ 6 =	30 ÷ 3 =	50 ÷ 5 =
30 ÷ 10 =	80 ÷ 8 =	50 ÷ 10 =

Red sheet 8

(10 ÷)

20 ÷ 2 =	70 ÷ 10 =	60 ÷ 10 =
90 ÷ 10 =	40 ÷ 10 =	10 ÷ 1 =
10 ÷ 10 =	70 ÷ 7 =	100 ÷ 10 =
40 ÷ 4 =	110 ÷ 10 =	120 ÷ 12 =
20 ÷ 10 =	80 ÷ 10 =	110 ÷ 11 =
100 ÷ 10 =	90 ÷ 9 =	120 ÷ 10 =
60 ÷ 6 =	30 ÷ 3 =	50 ÷ 5 =
30 ÷ 10 =	80 ÷ 8 =	50 ÷ 10 =

Red sheet 9

(5x)

0 x 5 =	9 x 5 =	5 x 12 =
1 x 5 =	10 x 5 =	5 x 1 =
2 x 5 =	11 x 5 =	5 x 4 =
3 x 5 =	12 x 5 =	5 x 10 =
4 x 5 =	5 x 8 =	5 x 0 =
5 x 5 =	5 x 5 =	5 x 6 =
6 x 5 =	5 x 7 =	5 x 11 =
7 x 5 =	5 x 3 =	5 x 2 =
8 x 5 =	5 x 9 =	

Red sheet 9

(5x)

0 x 5 =	9 x 5 =	5 x 12 =
1 x 5 =	10 x 5 =	5 x 1 =
2 x 5 =	11 x 5 =	5 x 4 =
3 x 5 =	12 x 5 =	5 x 10 =
4 x 5 =	5 x 8 =	5 x 0 =
5 x 5 =	5 x 5 =	5 x 6 =
6 x 5 =	5 x 7 =	5 x 11 =
7 x 5 =	5 x 3 =	5 x 2 =
8 x 5 =	5 x 9 =	

Red sheet 10

(5x)

0 x 5 =	5 x 7 =	5 x 12 =
5 x 9=	5 x 10 =	5 x 1 =
6 x 5 =	5 x 4 =	11 x 5 =
5 x 3 =	12 x 5 =	5 x 5 =
4 x 5 =	10 x 5 =	5 x 0 =
5 x 8 =	5 x 5 =	9 x 5 =
5 x 6 =	3 x 5 =	5 x 11 =
7 x 5 =	5 x 2 =	8 x 5 =
2 x 5 =	1 x 5 =	

Red sheet 10

(5x)

0 x 5 =	5 x 7 =	5 x 12 =
5 x 9=	5 x 10 =	5 x 1 =
6 x 5 =	5 x 4 =	11 x 5 =
5 x 3 =	12 x 5 =	5 x 5 =
4 x 5 =	10 x 5 =	5 x 0 =
5 x 8 =	5 x 5 =	9 x 5 =
5 x 6 =	3 x 5 =	5 x 11 =
7 x 5 =	5 x 2 =	8 x 5 =
2 x 5 =	1 x 5 =	

Red sheet 11

(5 ÷)

5 ÷ 1 =	50 ÷ 5 =	10 ÷ 5 =
30 ÷ 5 =	20 ÷ 5 =	50 ÷ 10 =
60 ÷ 5 =	45 ÷ 5 =	25 ÷ 5 =
45 ÷ 9 =	55 ÷ 5 =	60 ÷ 12 =
15 ÷ 3 =	15 ÷ 5 =	5 ÷ 5 =
25 ÷ 5 =	20 ÷ 4 =	35 ÷ 5 =
40 ÷ 5 =	30 ÷ 6 =	55 ÷ 11 =
35 ÷ 7 =	40 ÷ 8 =	10 ÷ 2 =

Red sheet 11

(5 ÷)

5 ÷ 1 =	50 ÷ 5 =	10 ÷ 5 =
30 ÷ 5 =	20 ÷ 5 =	50 ÷ 10 =
60 ÷ 5 =	45 ÷ 5 =	25 ÷ 5 =
45 ÷ 9 =	55 ÷ 5 =	60 ÷ 12 =
15 ÷ 3 =	15 ÷ 5 =	5 ÷ 5 =
25 ÷ 5 =	20 ÷ 4 =	35 ÷ 5 =
40 ÷ 5 =	30 ÷ 6 =	55 ÷ 11 =
35 ÷ 7 =	40 ÷ 8 =	10 ÷ 2 =

Red sheet 12

(5 ÷)

50 ÷ 10 =	20 ÷ 5 =	10 ÷ 5 =
35 ÷ 5 =	50 ÷ 5 =	5 ÷ 1 =
20 ÷ 4 =	45 ÷ 5 =	25 ÷ 5 =
55 ÷ 11 =	40 ÷ 8 =	60 ÷ 12 =
15 ÷ 3 =	15 ÷ 5 =	5 ÷ 5 =
25 ÷ 5 =	60 ÷ 5 =	30 ÷ 5 =
40 ÷ 5 =	30 ÷ 6 =	45 ÷ 9 =
10 ÷ 2 =	55 ÷ 5 =	35 ÷ 7 =

Red sheet 12

(5 ÷)

50 ÷ 10 =	20 ÷ 5 =	10 ÷ 5 =
35 ÷ 5 =	50 ÷ 5 =	5 ÷ 1 =
20 ÷ 4 =	45 ÷ 5 =	25 ÷ 5 =
55 ÷ 11 =	40 ÷ 8 =	60 ÷ 12 =
15 ÷ 3 =	15 ÷ 5 =	5 ÷ 5 =
25 ÷ 5 =	60 ÷ 5 =	30 ÷ 5 =
40 ÷ 5 =	30 ÷ 6 =	45 ÷ 9 =
10 ÷ 2 =	55 ÷ 5 =	35 ÷ 7 =

Red sheet 13

(2x, 10x and 5x)

2 x 2 =	4 x 2 =	8 x 10 =
4 x 10 =	6 x 5 =	4 x 5 =
9 x 5 =	10 x 2 =	6 x 10 =
6 x 2 =	1 x 5 =	8 x 2 =
10 x 5 =	3 x 2 =	12 x 5 =
1 x 10 =	7 x 10 =	11 x 10 =
11 x 2 =	3 x 5 =	8 x 10 =
5 x 5 =	10 x 10 =	4 x 5 =
2 x 5 =	9 x 2 =	6 x 10 =
7 x 2 =	7 x 5 =	3 x 10 =
12 x 10 =	5 x 2 =	11 x 5 =

Red sheet 13

(2x, 10x and 5x)

2 x 2 =	4 x 2 =	8 x 10 =
4 x 10 =	6 x 5 =	4 x 5 =
9 x 5 =	10 x 2 =	6 x 10 =
6 x 2 =	1 x 5 =	8 x 2 =
10 x 5 =	3 x 2 =	12 x 5 =
1 x 10 =	7 x 10 =	11 x 10 =
11 x 2 =	3 x 5 =	8 x 10 =
5 x 5 =	10 x 10 =	4 x 5 =
2 x 5 =	9 x 2 =	6 x 10 =
7 x 2 =	7 x 5 =	3 x 10 =
12 x 10 =	5 x 2 =	11 x 5 =

Red sheet 14

(2x, 10x and 5x)

11 x 5 =	10 x 2 =	8 x 10 =
4 x 10 =	6 x 5 =	10 x 5 =
9 x 5 =	4 x 2 =	6 x 10 =
2 x 12 =	7 x 5 =	8 x 2 =
10 x 5 =	3 x 2 =	4 x 5 =
9 x 10 =	8 x 10 =	11 x 10 =
11 x 2 =	3 x 5 =	7 x 10 =
5 x 5 =	10 x 10 =	1 x 5 =
6 x 2 =	7 x 2 =	5 x 10 =
9 x 2 =	12 x 5 =	12 x 10 =
3 x 10 =	5 x 2 =	2 x 2 =

Red sheet 14

(2x, 10x and 5x)

11 x 5 =	10 x 2 =	8 x 10 =
4 x 10 =	6 x 5 =	10 x 5 =
9 x 5 =	4 x 2 =	6 x 10 =
2 x 12 =	7 x 5 =	8 x 2 =
10 x 5 =	3 x 2 =	4 x 5 =
9 x 10 =	8 x 10 =	11 x 10 =
11 x 2 =	3 x 5 =	7 x 10 =
5 x 5 =	10 x 10 =	1 x 5 =
6 x 2 =	7 x 2 =	5 x 10 =
9 x 2 =	12 x 5 =	12 x 10 =
3 x 10 =	5 x 2 =	2 x 2 =

Red sheet 15

(2s, 10s, 5s x and ÷)

2 x 2 =	6 ÷ 2 =	30 ÷ 10 =
50 ÷ 5 =	2 x 9 =	2 x 5 =
4 x 10 =	100 ÷ 10 =	20 ÷ 10 =
22 ÷ 2 =	25 ÷ 5 =	3 x 5 =
10 ÷ 5 =	10 x 9 =	5 x 4 =
5 x 10 =	35 ÷ 5 =	14 ÷ 2 =
8 x 2 =	2 x 10 =	5 x 9 =
60 ÷ 5 =	10 ÷ 5 =	2 ÷ 1 =
110 ÷ 10 =	6 x 5 =	70 ÷ 10 =
8 x 10 =	2 x 12 =	8 x 5 =
2 x 6 =	120 ÷ 10 =	60 ÷ 10 =

Red sheet 15

(2s, 10s, 5s x and ÷)

2 x 2 =	6 ÷ 2 =	30 ÷ 10 =
50 ÷ 5 =	2 x 9 =	2 x 5 =
4 x 10 =	100 ÷ 10 =	20 ÷ 10 =
22 ÷ 2 =	25 ÷ 5 =	3 x 5 =
10 ÷ 5 =	10 x 9 =	5 x 4 =
5 x 10 =	35 ÷ 5 =	14 ÷ 2 =
8 x 2 =	2 x 10 =	5 x 9 =
60 ÷ 5 =	10 ÷ 5 =	2 ÷ 1 =
110 ÷ 10 =	6 x 5 =	70 ÷ 10 =
8 x 10 =	2 x 12 =	8 x 5 =
2 x 6 =	120 ÷ 10 =	60 ÷ 10 =

Red sheet 16

(2s, 10s, 5s x and ÷)

5 x 10 =	35 ÷ 5 =	14 ÷ 2 =
50 ÷ 5 =	2 x 9 =	2 x 5 =
8 x 10 =	2 x 12 =	8 x 5 =
110 ÷ 10 =	6 x 5 =	70 ÷ 10 =
10 ÷ 5 =	10 x 9 =	5 x 4 =
2 x 2 =	6 ÷ 2 =	30 ÷ 10 =
2 x 6 =	120 ÷ 10 =	60 ÷ 10 =
60 ÷ 5 =	10 ÷ 5 =	2 ÷ 1 =
22 ÷ 2 =	25 ÷ 5 =	3 x 5 =
4 x 10 =	100 ÷ 10 =	20 ÷ 10 =
8 x 2 =	2 x 10 =	5 x 9 =

Red sheet 16

(2s, 10s, 5s x and ÷)

5 x 10 =	35 ÷ 5 =	14 ÷ 2 =
50 ÷ 5 =	2 x 9 =	2 x 5 =
8 x 10 =	2 x 12 =	8 x 5 =
110 ÷ 10 =	6 x 5 =	70 ÷ 10 =
10 ÷ 5 =	10 x 9 =	5 x 4 =
2 x 2 =	6 ÷ 2 =	30 ÷ 10 =
2 x 6 =	120 ÷ 10 =	60 ÷ 10 =
60 ÷ 5 =	10 ÷ 5 =	2 ÷ 1 =
22 ÷ 2 =	25 ÷ 5 =	3 x 5 =
4 x 10 =	100 ÷ 10 =	20 ÷ 10 =
8 x 2 =	2 x 10 =	5 x 9 =

Red sheet 17

(Number bonds to 100 +)

22 + 16 =	50 + 30 =	69 + 23 =
34 + 27 =	56 + 23 =	57 + 13 =
53 + 13 =	40 + 60 =	37 + 28 =
25 + 24 =	71 + 18 =	49 + 34 =
64 + 16 =	24 + 53 =	42 + 35 =
33 + 35 =	80 + 20 =	61 + 35 =
42 + 13 =	45 + 44 =	33 + 25 =
0 + 100 =	90 + 10 =	72 + 25 =

Red sheet 17

(Number bonds to 100 +)

22 + 16 =	50 + 30 =	69 + 23 =
34 + 27 =	56 + 23 =	57 + 13 =
53 + 13 =	40 + 60 =	37 + 28 =
25 + 24 =	71 + 18 =	49 + 34 =
64 + 16 =	24 + 53 =	42 + 35 =
33 + 35 =	80 + 20 =	61 + 35 =
42 + 13 =	45 + 44 =	33 + 25 =
0 + 100 =	90 + 10 =	72 + 25 =

Red sheet 18

(Number bonds to 100 +)

40 + 60 =	72 + 25 =	90 + 10 =
0 + 100 =	42 + 13 =	45 + 44 =
33 + 25 =	22 + 16 =	37 + 28 =
33 + 35 =	64 + 16 =	80 + 20 =
71 + 18 =	24 + 53 =	61 + 35 =
25 + 24 =	49 + 34 =	42 + 35 =
56 + 23 =	57 + 13 =	53 + 13 =
34 + 27 =	69 + 23 =	72 + 25 =

Red sheet 18

(Number bonds to 100 +)

40 + 60 =	72 + 25 =	90 + 10 =
0 + 100 =	42 + 13 =	45 + 44 =
33 + 25 =	22 + 16 =	37 + 28 =
33 + 35 =	64 + 16 =	80 + 20 =
71 + 18 =	24 + 53 =	61 + 35 =
25 + 24 =	49 + 34 =	42 + 35 =
56 + 23 =	57 + 13 =	53 + 13 =
34 + 27 =	69 + 23 =	72 + 25 =

Red sheet 19

(Number bonds to 100 + and -)

22 - 16 =	50 + 30 =	69 - 23 =
54 + 27 =	56 - 23 =	47 + 13 =
98 - 36 =	11 + 59 =	65 + 28 =
35 + 34 =	71 - 18 =	49 - 34 =
62 + 17 =	34 + 53 =	41 + 36 =
38 + 35 =	80 - 20 =	61 - 35 =
42 - 13 =	45 - 44 =	64 + 25 =
0 + 100 =	90 + 10 =	72 - 25 =

Red sheet 19

(Number bonds to 100 + and -)

22 - 16 =	50 + 30 =	69 - 23 =
54 + 27 =	56 - 23 =	47 + 13 =
98 - 36 =	11 + 59 =	65 + 28 =
35 + 34 =	71 - 18 =	49 - 34 =
62 + 17 =	34 + 53 =	41 + 36 =
38 + 35 =	80 - 20 =	61 - 35 =
42 - 13 =	45 - 44 =	64 + 25 =
0 + 100 =	90 + 10 =	72 - 25 =

Red sheet 20

(Number bonds to 100 + and -)

72 - 25 =	45 - 44 =	64 + 25 =
80 - 20 =	90 + 10 =	47 + 13 =
98 - 36 =	38 + 35 =	65 + 28 =
35 + 34 =	62 + 17 =	49 - 34 =
71 - 18 =	34 + 53 =	41 + 36 =
11 + 59 =	54 + 27 =	61 - 35 =
42 - 13 =	50 + 30 =	69 - 23 =
0 + 100 =	56 - 23 =	22 - 16 =

Red sheet 20

(Number bonds to 100 + and -)

72 - 25 =	45 - 44 =	64 + 25 =
80 - 20 =	90 + 10 =	47 + 13 =
98 - 36 =	38 + 35 =	65 + 28 =
35 + 34 =	62 + 17 =	49 - 34 =
71 - 18 =	34 + 53 =	41 + 36 =
11 + 59 =	54 + 27 =	61 - 35 =
42 - 13 =	50 + 30 =	69 - 23 =
0 + 100 =	56 - 23 =	22 - 16 =

Orange sheet 1

(3x)

0 x 3 =	9 x 3 =	3 x 12 =
1 x 3 =	10 x 3 =	3 x 1 =
2 x 3 =	11 x 3 =	3 x 4 =
3 x 3 =	12 x 3 =	3 x 10 =
4 x 3 =	3 x 8 =	3 x 0 =
5 x 3 =	3 x 5 =	3 x 6 =
6 x 3 =	3 x 7 =	3 x 11 =
7 x 3 =	3 x 3 =	3 x 2 =
8 x 3 =	3 x 9 =	

Orange sheet 1

(3x)

0 x 3 =	9 x 3 =	3 x 12 =
1 x 3 =	10 x 3 =	3 x 1 =
2 x 3 =	11 x 3 =	3 x 4 =
3 x 3 =	12 x 3 =	3 x 10 =
4 x 3 =	3 x 8 =	3 x 0 =
5 x 3 =	3 x 5 =	3 x 6 =
6 x 3 =	3 x 7 =	3 x 11 =
7 x 3 =	3 x 3 =	3 x 2 =
8 x 3 =	3 x 9 =	

Orange sheet 2

(3x)

0 x 3 =	3 x 7 =	3 x 12 =
5 x 3 =	3 x 10 =	3 x 1 =
6 x 3 =	3 x 4 =	11 x 3 =
3 x 3 =	12 x 3 =	5 x 3 =
4 x 3 =	10 x 3 =	3 x 0 =
3 x 8 =	3 x 3 =	9 x 3 =
3 x 6 =	3 x 5 =	3 x 11 =
7 x 3 =	3 x 2 =	8 x 3 =
2 x 3 =	1 x 3 =	

Orange sheet 2

(3x)

0 x 3 =	3 x 7 =	3 x 12 =
5 x 3 =	3 x 10 =	3 x 1 =
6 x 3 =	3 x 4 =	11 x 3 =
3 x 3 =	12 x 3 =	5 x 3 =
4 x 3 =	10 x 3 =	3 x 0 =
3 x 8 =	3 x 3 =	9 x 3 =
3 x 6 =	3 x 5 =	3 x 11 =
7 x 3 =	3 x 2 =	8 x 3 =
2 x 3 =	1 x 3 =	

Orange sheet 3

(3 ÷)

3 ÷ 1 =	30 ÷ 3 =	9 ÷ 3 =
18 ÷ 3 =	24 ÷ 8 =	33 ÷ 3 =
36 ÷ 3 =	27 ÷ 3 =	15 ÷ 5 =
3 ÷ 3 =	6 ÷ 2 =	21 ÷ 3 =
33 ÷ 11 =	9 ÷ 3 =	36 ÷ 12 =
15 ÷ 3 =	12 ÷ 4 =	27 ÷ 9 =
24 ÷ 3 =	18 ÷ 6 =	6 ÷ 3 =
21 ÷ 7 =	12 ÷ 3 =	30 ÷ 10 =

Orange sheet 3

(3 ÷)

3 ÷ 1 =	30 ÷ 3 =	9 ÷ 3 =
18 ÷ 3 =	24 ÷ 8 =	33 ÷ 3 =
36 ÷ 3 =	27 ÷ 3 =	15 ÷ 5 =
3 ÷ 3 =	6 ÷ 2 =	21 ÷ 3 =
33 ÷ 11 =	9 ÷ 3 =	36 ÷ 12 =
15 ÷ 3 =	12 ÷ 4 =	27 ÷ 9 =
24 ÷ 3 =	18 ÷ 6 =	6 ÷ 3 =
21 ÷ 7 =	12 ÷ 3 =	30 ÷ 10 =

Orange sheet 4

(3 ÷)

33 ÷ 11 =	9 ÷ 3 =	36 ÷ 12 =
21 ÷ 7 =	12 ÷ 3 =	30 ÷ 10 =
3 ÷ 3 =	6 ÷ 2 =	21 ÷ 3 =
36 ÷ 3 =	27 ÷ 3 =	15 ÷ 5 =
3 ÷ 1 =	30 ÷ 3 =	9 ÷ 3 =
24 ÷ 3 =	18 ÷ 6 =	6 ÷ 3 =
18 ÷ 3 =	24 ÷ 8 =	33 ÷ 3 =
15 ÷ 3 =	12 ÷ 4 =	27 ÷ 9 =

Orange sheet 4

(3 ÷)

33 ÷ 11 =	9 ÷ 3 =	36 ÷ 12 =
21 ÷ 7 =	12 ÷ 3 =	30 ÷ 10 =
3 ÷ 3 =	6 ÷ 2 =	21 ÷ 3 =
36 ÷ 3 =	27 ÷ 3 =	15 ÷ 5 =
3 ÷ 1 =	30 ÷ 3 =	9 ÷ 3 =
24 ÷ 3 =	18 ÷ 6 =	6 ÷ 3 =
18 ÷ 3 =	24 ÷ 8 =	33 ÷ 3 =
15 ÷ 3 =	12 ÷ 4 =	27 ÷ 9 =

Orange sheet 5

(4x)

0 x 4 =	9 x 4 =	4 x 12 =
1 x 4 =	10 x 4 =	4 x 1 =
2 x 4 =	11 x 4 =	4 x 4 =
3 x 4 =	12 x 4 =	4 x 10 =
4 x 4 =	4 x 8 =	4 x 0 =
5 x 4 =	4 x 5 =	4 x 6 =
6 x 4 =	4 x 7 =	4 x 11 =
7 x 4 =	4 x 3 =	4 x 2 =
8 x 4 =	4 x 9 =	

Orange sheet 5

(4x)

0 x 4 =	9 x 4 =	4 x 12 =
1 x 4 =	10 x 4 =	4 x 1 =
2 x 4 =	11 x 4 =	4 x 4 =
3 x 4 =	12 x 4 =	4 x 10 =
4 x 4 =	4 x 8 =	4 x 0 =
5 x 4 =	4 x 5 =	4 x 6 =
6 x 4 =	4 x 7 =	4 x 11 =
7 x 4 =	4 x 3 =	4 x 2 =
8 x 4 =	4 x 9 =	

Orange sheet 6

(4x)

0 x 4 =	4 x 7 =	4 x 12 =
5 x 4 =	4 x 10 =	4 x 1 =
6 x 4 =	4 x 4 =	11 x 4 =
3 x 4 =	12 x 4 =	5 x 4 =
4 x 4 =	10 x 4 =	4 x 0 =
4 x 8 =	4 x 3 =	9 x 4 =
4 x 6 =	4 x 5 =	4 x 11 =
7 x 4 =	4 x 2 =	8 x 4 =
2 x 4 =	1 x 4 =	

Orange sheet 6

(4x)

0 x 4 =	4 x 7 =	4 x 12 =
5 x 4 =	4 x 10 =	4 x 1 =
6 x 4 =	4 x 4 =	11 x 4 =
3 x 4 =	12 x 4 =	5 x 4 =
4 x 4 =	10 x 4 =	4 x 0 =
4 x 8 =	4 x 3 =	9 x 4 =
4 x 6 =	4 x 5 =	4 x 11 =
7 x 4 =	4 x 2 =	8 x 4 =
2 x 4 =	1 x 4 =	

Orange sheet 7

(4 ÷)

12 ÷ 4 =	40 ÷ 4 =	36 ÷ 4 =
28 ÷ 7 =	16 ÷ 4 =	8 ÷ 2 =
48 ÷ 4 =	12 ÷ 3 =	20 ÷ 5 =
32 ÷ 8 =	44 ÷ 4 =	24 ÷ 4 =
8 ÷ 4 =	32 ÷ 4 =	48 ÷ 12 =
40 ÷ 10 =	16 ÷ 4 =	36 ÷ 9 =
4 ÷ 1 =	24 ÷ 6 =	44 ÷ 11 =
28 ÷ 4 =	4 ÷ 4 =	20 ÷ 4 =

Orange sheet 7

(4 ÷)

12 ÷ 4 =	40 ÷ 4 =	36 ÷ 4 =
28 ÷ 7 =	16 ÷ 4 =	8 ÷ 2 =
48 ÷ 4 =	12 ÷ 3 =	20 ÷ 5 =
32 ÷ 8 =	44 ÷ 4 =	24 ÷ 4 =
8 ÷ 4 =	32 ÷ 4 =	48 ÷ 12 =
40 ÷ 10 =	16 ÷ 4 =	36 ÷ 9 =
4 ÷ 1 =	24 ÷ 6 =	44 ÷ 11 =
28 ÷ 4 =	4 ÷ 4 =	20 ÷ 4 =

Orange sheet 8

(4 ÷)

28 ÷ 4 =	4 ÷ 4 =	20 ÷ 4 =
40 ÷ 10 =	16 ÷ 4 =	36 ÷ 9 =
4 ÷ 1 =	24 ÷ 6 =	44 ÷ 11 =
28 ÷ 7 =	16 ÷ 4 =	8 ÷ 2 =
8 ÷ 4 =	32 ÷ 4 =	48 ÷ 12 =
32 ÷ 8 =	44 ÷ 4 =	24 ÷ 4 =
48 ÷ 4 =	12 ÷ 3 =	20 ÷ 5 =
12 ÷ 4 =	40 ÷ 4 =	36 ÷ 4 =

Orange sheet 8

(4 ÷)

28 ÷ 4 =	4 ÷ 4 =	20 ÷ 4 =
40 ÷ 10 =	16 ÷ 4 =	36 ÷ 9 =
4 ÷ 1 =	24 ÷ 6 =	44 ÷ 11 =
28 ÷ 7 =	16 ÷ 4 =	8 ÷ 2 =
8 ÷ 4 =	32 ÷ 4 =	48 ÷ 12 =
32 ÷ 8 =	44 ÷ 4 =	24 ÷ 4 =
48 ÷ 4 =	12 ÷ 3 =	20 ÷ 5 =
12 ÷ 4 =	40 ÷ 4 =	36 ÷ 4 =

Orange sheet 9

(8x)

0 x 8 =	9 x 8 =	8 x 12 =
1 x 8 =	10 x 8 =	8 x 1 =
2 x 8 =	11 x 8 =	8 x 4 =
3 x 8 =	12 x 8 =	8 x 10 =
4 x 8 =	8 x 8 =	8 x 0 =
5 x 8 =	8 x 5 =	8 x 6 =
6 x 8 =	8 x 7 =	8 x 11 =
7 x 8 =	8 x 3 =	8 x 2 =
8 x 8 =	8 x 9 =	

Orange sheet 9

(8x)

0 x 8 =	9 x 8 =	8 x 12 =
1 x 8 =	10 x 8 =	8 x 1 =
2 x 8 =	11 x 8 =	8 x 4 =
3 x 8 =	12 x 8 =	8 x 10 =
4 x 8 =	8 x 8 =	8 x 0 =
5 x 8 =	8 x 5 =	8 x 6 =
6 x 8 =	8 x 7 =	8 x 11 =
7 x 8 =	8 x 3 =	8 x 2 =
8 x 8 =	8 x 9 =	

Orange sheet 10

(8x)

0 x 8 =	8 x 7 =	8 x 12 =
5 x 8 =	8 x 10 =	8 x 1 =
6 x 8 =	8 x 4 =	11 x 8 =
3 x 8 =	12 x 8 =	5 x 8 =
4 x 8 =	10 x 8 =	8 x 0 =
8 x 8 =	8 x 3 =	9 x 8 =
8 x 6 =	8 x 5 =	8 x 11 =
7 x 8 =	8 x 2 =	8 x 8 =
2 x 8 =	1 x 8 =	

Orange sheet 10

(8x)

0 x 8 =	8 x 7 =	8 x 12 =
5 x 8 =	8 x 10 =	8 x 1 =
6 x 8 =	8 x 4 =	11 x 8 =
3 x 8 =	12 x 8 =	5 x 8 =
4 x 8 =	10 x 8 =	8 x 0 =
8 x 8 =	8 x 3 =	9 x 8 =
8 x 6 =	8 x 5 =	8 x 11 =
7 x 8 =	8 x 2 =	8 x 8 =
2 x 8 =	1 x 8 =	

Orange sheet 11

(8 ÷)

8 ÷ 1 =	80 ÷ 8 =	16 ÷ 2 =
48 ÷ 8 =	32 ÷ 8 =	40 ÷ 5 =
96 ÷ 8 =	24 ÷ 3 =	56 ÷ 8 =
72 ÷ 9 =	88 ÷ 8 =	96 ÷ 12 =
16 ÷ 8 =	24 ÷ 8 =	64 ÷ 8 =
40 ÷ 8 =	32 ÷ 4 =	8 ÷ 8 =
64 ÷ 8 =	48 ÷ 6 =	88 ÷ 11 =
56 ÷ 7 =	72 ÷ 8 =	80 ÷ 10 =

Orange sheet 11

(8 ÷)

8 ÷ 1 =	80 ÷ 8 =	16 ÷ 2 =
48 ÷ 8 =	32 ÷ 8 =	40 ÷ 5 =
96 ÷ 8 =	24 ÷ 3 =	56 ÷ 8 =
72 ÷ 9 =	88 ÷ 8 =	96 ÷ 12 =
16 ÷ 8 =	24 ÷ 8 =	64 ÷ 8 =
40 ÷ 8 =	32 ÷ 4 =	8 ÷ 8 =
64 ÷ 8 =	48 ÷ 6 =	88 ÷ 11 =
56 ÷ 7 =	72 ÷ 8 =	80 ÷ 10 =

Orange sheet 12

(8 ÷)

40 ÷ 8 =	32 ÷ 4 =	8 ÷ 8 =
56 ÷ 7 =	72 ÷ 8 =	80 ÷ 10 =
16 ÷ 8 =	24 ÷ 8 =	64 ÷ 8 =
64 ÷ 8 =	48 ÷ 6 =	88 ÷ 11 =
96 ÷ 8 =	24 ÷ 3 =	56 ÷ 8 =
8 ÷ 1 =	80 ÷ 8 =	16 ÷ 2 =
72 ÷ 9 =	88 ÷ 8 =	96 ÷ 12 =
48 ÷ 8 =	32 ÷ 8 =	40 ÷ 5 =

Orange sheet 12

(8 ÷)

40 ÷ 8 =	32 ÷ 4 =	8 ÷ 8 =
56 ÷ 7 =	72 ÷ 8 =	80 ÷ 10 =
16 ÷ 8 =	24 ÷ 8 =	64 ÷ 8 =
64 ÷ 8 =	48 ÷ 6 =	88 ÷ 11 =
96 ÷ 8 =	24 ÷ 3 =	56 ÷ 8 =
8 ÷ 1 =	80 ÷ 8 =	16 ÷ 2 =
72 ÷ 9 =	88 ÷ 8 =	96 ÷ 12 =
48 ÷ 8 =	32 ÷ 8 =	40 ÷ 5 =

Orange sheet 13

(11x)

0 x 11 =	9 x 11 =	11 x 12 =
1 x 11 =	10 x 11 =	11 x 1 =
2 x 11 =	11 x 11 =	11 x 4 =
3 x 11 =	12 x 11 =	11 x 10 =
4 x 11 =	11 x 8 =	11 x 0 =
5 x 11 =	11 x 5 =	11 x 6 =
6 x 11 =	11 x 7 =	11 x 11 =
7 x 11 =	11 x 3 =	11 x 2 =
8 x 11 =	11 x 9 =	

Orange sheet 13

(11x)

0 x 11 =	9 x 11 =	11 x 12 =
1 x 11 =	10 x 11 =	11 x 1 =
2 x 11 =	11 x 11 =	11 x 4 =
3 x 11 =	12 x 11 =	11 x 10 =
4 x 11 =	11 x 8 =	11 x 0 =
5 x 11 =	11 x 5 =	11 x 6 =
6 x 11 =	11 x 7 =	11 x 11 =
7 x 11 =	11 x 3 =	11 x 2 =
8 x 11 =	11 x 9 =	

Orange sheet 14

(11x)

0 x 11 =	11 x 7 =	11 x 12 =
5 x 11 =	11 x 10 =	11 x 1 =
6 x 11 =	11 x 4 =	11 x 11 =
3 x 11 =	12 x 11 =	5 x 11 =
4 x 11 =	10 x 11 =	11 x 0 =
8 x 11 =	11 x 3 =	9 x 11 =
11 x 6 =	11 x 5 =	11 x 11 =
7 x 11 =	11 x 2 =	11 x 8 =
2 x 11 =	1 x 11 =	

Orange sheet 14

(11x)

0 x 11 =	11 x 7 =	11 x 12 =
5 x 11 =	11 x 10 =	11 x 1 =
6 x 11 =	11 x 4 =	11 x 11 =
3 x 11 =	12 x 11 =	5 x 11 =
4 x 11 =	10 x 11 =	11 x 0 =
8 x 11 =	11 x 3 =	9 x 11 =
11 x 6 =	11 x 5 =	11 x 11 =
7 x 11 =	11 x 2 =	11 x 8 =
2 x 11 =	1 x 11 =	

Orange sheet 15

(11 ÷)

11 ÷ 1 =	110 ÷ 11 =	99 ÷ 11 =
66 ÷ 11 =	88 ÷ 8 =	22 ÷ 2 =
132 ÷ 11 =	33 ÷ 3 =	55 ÷ 5 =
11 ÷ 11 =	121 ÷ 11 =	77 ÷ 11 =
22 ÷ 11 =	33 ÷ 11 =	132 ÷ 12 =
110 ÷ 10 =	44 ÷ 4 =	99 ÷ 9 =
88 ÷ 11 =	66 ÷ 6 =	121 ÷ 11 =
77 ÷ 7 =	44 ÷ 11 =	55 ÷ 11 =

Orange sheet 15

(11 ÷)

11 ÷ 1 =	110 ÷ 11 =	99 ÷ 11 =
66 ÷ 11 =	88 ÷ 8 =	22 ÷ 2 =
132 ÷ 11 =	33 ÷ 3 =	55 ÷ 5 =
11 ÷ 11 =	121 ÷ 11 =	77 ÷ 11 =
22 ÷ 11 =	33 ÷ 11 =	132 ÷ 12 =
110 ÷ 10 =	44 ÷ 4 =	99 ÷ 9 =
88 ÷ 11 =	66 ÷ 6 =	121 ÷ 11 =
77 ÷ 7 =	44 ÷ 11 =	55 ÷ 11 =

Orange sheet 16

(11 ÷)

11 ÷ 11 =	121 ÷ 11 =	77 ÷ 11 =
77 ÷ 7 =	44 ÷ 11 =	55 ÷ 11 =
22 ÷ 11 =	33 ÷ 11 =	132 ÷ 12 =
88 ÷ 11 =	66 ÷ 6 =	121 ÷ 11 =
132 ÷ 11 =	33 ÷ 3 =	55 ÷ 5 =
11 ÷ 1 =	110 ÷ 11 =	99 ÷ 11 =
110 ÷ 10 =	44 ÷ 4 =	99 ÷ 9 =
66 ÷ 11 =	88 ÷ 8 =	22 ÷ 2 =

Orange sheet 16

(11 ÷)

11 ÷ 11 =	121 ÷ 11 =	77 ÷ 11 =
77 ÷ 7 =	44 ÷ 11 =	55 ÷ 11 =
22 ÷ 11 =	33 ÷ 11 =	132 ÷ 12 =
88 ÷ 11 =	66 ÷ 6 =	121 ÷ 11 =
132 ÷ 11 =	33 ÷ 3 =	55 ÷ 5 =
11 ÷ 1 =	110 ÷ 11 =	99 ÷ 11 =
110 ÷ 10 =	44 ÷ 4 =	99 ÷ 9 =
66 ÷ 11 =	88 ÷ 8 =	22 ÷ 2 =

Orange sheet 17

(3x, 4x, 8x and 11x)

3 x 8 =	7 x 4 =	10 x 4 =
1 x 3 =	11 x 8 =	8 x 6 =
8 x 8 =	9 x 3 =	7 x 11 =
2 x 4 =	11 x 11 =	3 x 3 =
4 x 11 =	1 x 4 =	2 x 8 =
12 x 4 =	5 x 11 =	4 x 4 =
8 x 3 =	10 x 11 =	7 x 8 =
10 x 8 =	3 x 11 =	6 x 4 =
8 x 11 =	11 x 4 =	12 x 3 =
6 x 3 =	6 x 8 =	9 x 4 =
12 x 8 =	4 x 3 =	7 x 3 =

Orange sheet 17

(3x, 4x, 8x and 11x)

3 x 8 =	7 x 4 =	10 x 4 =
1 x 3 =	11 x 8 =	8 x 6 =
8 x 8 =	9 x 3 =	7 x 11 =
2 x 4 =	11 x 11 =	3 x 3 =
4 x 11 =	1 x 4 =	2 x 8 =
12 x 4 =	5 x 11 =	4 x 4 =
8 x 3 =	10 x 11 =	7 x 8 =
10 x 8 =	3 x 11 =	6 x 4 =
8 x 11 =	11 x 4 =	12 x 3 =
6 x 3 =	6 x 8 =	9 x 4 =
12 x 8 =	4 x 3 =	7 x 3 =

Orange sheet 18

(3x, 4x, 8x and 11x)

2 x 8 =	6 x 4 =	11 x 4 =
7 x 3 =	10 x 8 =	8 x 6 =
8 x 8 =	9 x 3 =	7 x 11 =
2 x 4 =	5 x 11 =	4 x 3 =
4 x 11 =	10 x 4 =	3 x 8 =
12 x 4 =	11 x 11 =	4 x 4 =
12 x 3 =	8 x 11 =	12 x 8 =
11 x 8 =	3 x 11 =	7 x 4 =
10 x 11 =	1 x 4 =	8 x 3 =
6 x 3 =	6 x 8 =	9 x 4 =
7 x 8 =	3 x 3 =	1 x 3 =

Orange sheet 18

(3x, 4x, 8x and 11x)

2 x 8 =	6 x 4 =	11 x 4 =
7 x 3 =	10 x 8 =	8 x 6 =
8 x 8 =	9 x 3 =	7 x 11 =
2 x 4 =	5 x 11 =	4 x 3 =
4 x 11 =	10 x 4 =	3 x 8 =
12 x 4 =	11 x 11 =	4 x 4 =
12 x 3 =	8 x 11 =	12 x 8 =
11 x 8 =	3 x 11 =	7 x 4 =
10 x 11 =	1 x 4 =	8 x 3 =
6 x 3 =	6 x 8 =	9 x 4 =
7 x 8 =	3 x 3 =	1 x 3 =

Orange sheet 19

(3s, 4s, 8s, 11s x and ÷)

2 x 3 =	56 ÷ 8 =	110 ÷ 11 =
48 ÷ 4 =	24 ÷ 4 =	8 x 6 =
4 x 8 =	11 x 9 =	15 ÷ 3 =
21 ÷ 3 =	36 ÷ 4 =	8 x 8 =
8 ÷ 4 =	2 x 11 =	3 x 4 =
5 x 11 =	6 x 4 =	18 ÷ 6 =
3 x 8 =	3 x 12 =	4 x 11 =
28 ÷ 4 =	121 ÷ 11 =	132 ÷ 11 =
8 x 11 =	4 x 3 =	8 x 9 =
44 ÷ 4 =	33 ÷ 11 =	12 ÷ 4 =
3 x 9 =	3 x 3 =	1 x 3 =

Orange sheet 19

(3s, 4s, 8s, 11s x and ÷)

2 x 3 =	56 ÷ 8 =	110 ÷ 11 =
48 ÷ 4 =	24 ÷ 4 =	8 x 6 =
4 x 8 =	11 x 9 =	15 ÷ 3 =
21 ÷ 3 =	36 ÷ 4 =	8 x 8 =
8 ÷ 4 =	2 x 11 =	3 x 4 =
5 x 11 =	6 x 4 =	18 ÷ 6 =
3 x 8 =	3 x 12 =	4 x 11 =
28 ÷ 4 =	121 ÷ 11 =	132 ÷ 11 =
8 x 11 =	4 x 3 =	8 x 9 =
44 ÷ 4 =	33 ÷ 11 =	12 ÷ 4 =
3 x 9 =	3 x 3 =	1 x 3 =

Orange sheet 20

(3s, 4s, 8s, 11s x and ÷)

3 x 9 =	3 x 3 =	1 x 3 =
44 ÷ 4 =	33 ÷ 11 =	12 ÷ 4 =
4 x 8 =	11 x 9 =	15 ÷ 3 =
48 ÷ 4 =	24 ÷ 4 =	8 x 6 =
2 x 3 =	56 ÷ 8 =	110 ÷ 11 =
21 ÷ 3 =	36 ÷ 4 =	8 x 8 =
3 x 8 =	3 x 12 =	4 x 11 =
28 ÷ 4 =	121 ÷ 11 =	132 ÷ 11 =
8 x 11 =	4 x 3 =	8 x 9 =
5 x 11 =	6 x 4 =	18 ÷ 6 =
8 ÷ 4 =	2 x 11 =	3 x 4 =

Orange sheet 20

(3s, 4s, 8s, 11s x and ÷)

3 x 9 =	3 x 3 =	1 x 3 =
44 ÷ 4 =	33 ÷ 11 =	12 ÷ 4 =
4 x 8 =	11 x 9 =	15 ÷ 3 =
48 ÷ 4 =	24 ÷ 4 =	8 x 6 =
2 x 3 =	56 ÷ 8 =	110 ÷ 11 =
21 ÷ 3 =	36 ÷ 4 =	8 x 8 =
3 x 8 =	3 x 12 =	4 x 11 =
28 ÷ 4 =	121 ÷ 11 =	132 ÷ 11 =
8 x 11 =	4 x 3 =	8 x 9 =
5 x 11 =	6 x 4 =	18 ÷ 6 =
8 ÷ 4 =	2 x 11 =	3 x 4 =

Green sheet 1

(6x)

0 x 6 =	9 x 6 =	6 x 12 =
1 x 6 =	10 x 6 =	6 x 1 =
2 x 6 =	11 x 6 =	6 x 4 =
3 x 6 =	12 x 6 =	6 x 10 =
4 x 6 =	6 x 8 =	6 x 0 =
5 x 6 =	6 x 5 =	6 x 6 =
6 x 6 =	6 x 7 =	6 x 11 =
7 x 6 =	6 x 3 =	6 x 2 =
8 x 6 =	6 x 9 =	

Green sheet 1

(6x)

0 x 6 =	9 x 6 =	6 x 12 =
1 x 6 =	10 x 6 =	6 x 1 =
2 x 6 =	11 x 6 =	6 x 4 =
3 x 6 =	12 x 6 =	6 x 10 =
4 x 6 =	6 x 8 =	6 x 0 =
5 x 6 =	6 x 5 =	6 x 6 =
6 x 6 =	6 x 7 =	6 x 11 =
7 x 6 =	6 x 3 =	6 x 2 =
8 x 6 =	6 x 9 =	

Green sheet 2

(6x)

0 x 6 =	6 x 7 =	6 x 12 =
5 x 6 =	6 x 10 =	6 x 1 =
6 x 6 =	6 x 4 =	11 x 6 =
3 x 6 =	12 x 6 =	5 x 6 =
4 x 6 =	10 x 6 =	6 x 0 =
8 x 6 =	6 x 3 =	9 x 6 =
6 x 6 =	6 x 5 =	6 x 11 =
7 x 6 =	6 x 2 =	6 x 8 =
2 x 6 =	1 x 6 =	

Green sheet 2

(6x)

0 x 6 =	6 x 7 =	6 x 12 =
5 x 6 =	6 x 10 =	6 x 1 =
6 x 6 =	6 x 4 =	11 x 6 =
3 x 6 =	12 x 6 =	5 x 6 =
4 x 6 =	10 x 6 =	6 x 0 =
8 x 6 =	6 x 3 =	9 x 6 =
6 x 6 =	6 x 5 =	6 x 11 =
7 x 6 =	6 x 2 =	6 x 8 =
2 x 6 =	1 x 6 =	

Green sheet 3

(6 ÷)

6 ÷ 1 =	30 ÷ 5 =	36 ÷ 6 =
36 ÷ 6 =	42 ÷ 6 =	6 ÷ 6 =
72 ÷ 6 =	60 ÷ 6 =	18 ÷ 3 =
48 ÷ 8 =	26 ÷ 6 =	12 ÷ 2 =
66 ÷ 11 =	54 ÷ 6 =	72 ÷ 12 =
30 ÷ 6 =	60 ÷ 10 =	54 ÷ 9 =
48 ÷ 6 =	18 ÷ 6 =	12 ÷ 6 =
42 ÷ 7 =	24 ÷ 4 =	66 ÷ 6 =

Green sheet 3

(6 ÷)

6 ÷ 1 =	30 ÷ 5 =	36 ÷ 6 =
36 ÷ 6 =	42 ÷ 6 =	6 ÷ 6 =
72 ÷ 6 =	60 ÷ 6 =	18 ÷ 3 =
48 ÷ 8 =	26 ÷ 6 =	12 ÷ 2 =
66 ÷ 11 =	54 ÷ 6 =	72 ÷ 12 =
30 ÷ 6 =	60 ÷ 10 =	54 ÷ 9 =
48 ÷ 6 =	18 ÷ 6 =	12 ÷ 6 =
42 ÷ 7 =	24 ÷ 4 =	66 ÷ 6 =

Green sheet 4

(6 ÷)

48 ÷ 8 =	26 ÷ 6 =	12 ÷ 2 =
36 ÷ 6 =	42 ÷ 6 =	6 ÷ 6 =
6 ÷ 1 =	30 ÷ 5 =	36 ÷ 6 =
30 ÷ 6 =	60 ÷ 10 =	54 ÷ 9 =
72 ÷ 6 =	60 ÷ 6 =	18 ÷ 3 =
42 ÷ 7 =	24 ÷ 4 =	66 ÷ 6 =
66 ÷ 11 =	54 ÷ 6 =	72 ÷ 12 =
48 ÷ 6 =	18 ÷ 6 =	12 ÷ 6 =

Green sheet 4

(6 ÷)

48 ÷ 8 =	26 ÷ 6 =	12 ÷ 2 =
36 ÷ 6 =	42 ÷ 6 =	6 ÷ 6 =
6 ÷ 1 =	30 ÷ 5 =	36 ÷ 6 =
30 ÷ 6 =	60 ÷ 10 =	54 ÷ 9 =
72 ÷ 6 =	60 ÷ 6 =	18 ÷ 3 =
42 ÷ 7 =	24 ÷ 4 =	66 ÷ 6 =
66 ÷ 11 =	54 ÷ 6 =	72 ÷ 12 =
48 ÷ 6 =	18 ÷ 6 =	12 ÷ 6 =

Green sheet 4

(7x)

0 x 7 =	9 x 7 =	7 x 12 =
1 x 7 =	10 x 7 =	7 x 1 =
2 x 7 =	11 x 7 =	7 x 4 =
3 x 7 =	12 x 7 =	7 x 10 =
4 x 7 =	7 x 8 =	7 x 0 =
5 x 7 =	7 x 5 =	7 x 6 =
6 x 7 =	7 x 7 =	7 x 11 =
7 x 7 =	7 x 3 =	7 x 2 =
8 x 7 =	7 x 9 =	

Green sheet 4

(7x)

0 x 7 =	9 x 7 =	7 x 12 =
1 x 7 =	10 x 7 =	7 x 1 =
2 x 7 =	11 x 7 =	7 x 4 =
3 x 7 =	12 x 7 =	7 x 10 =
4 x 7 =	7 x 8 =	7 x 0 =
5 x 7 =	7 x 5 =	7 x 6 =
6 x 7 =	7 x 7 =	7 x 11 =
7 x 7 =	7 x 3 =	7 x 2 =
8 x 7 =	7 x 9 =	

Green sheet 5

(7x)

0 x 7 =	7 x 7 =	7 x 12 =
5 x 7 =	7 x 10 =	7 x 1 =
6 x 7 =	7 x 4 =	11 x 7 =
3 x 7 =	12 x 7 =	5 x 7 =
4 x 7 =	10 x 7 =	7 x 0 =
8 x 7 =	7 x 3 =	9 x 7 =
6 x 7 =	7 x 5 =	7 x 11 =
7 x 7 =	7 x 2 =	7 x 8 =
2 x 7 =	1 x 7 =	

Green sheet 5

(7x)

0 x 7 =	7 x 7 =	7 x 12 =
5 x 7 =	7 x 10 =	7 x 1 =
6 x 7 =	7 x 4 =	11 x 7 =
3 x 7 =	12 x 7 =	5 x 7 =
4 x 7 =	10 x 7 =	7 x 0 =
8 x 7 =	7 x 3 =	9 x 7 =
6 x 7 =	7 x 5 =	7 x 11 =
7 x 7 =	7 x 2 =	7 x 8 =
2 x 7 =	1 x 7 =	

Green sheet 6

(7 ÷)

7 ÷ 1 =	70 ÷ 7 =	21 ÷ 3 =
42 ÷ 7 =	28 ÷ 7 =	35 ÷ 7 =
84 ÷ 7 =	63 ÷ 7 =	35 ÷ 5 =
56 ÷ 8 =	77 ÷ 7 =	49 ÷ 7 =
77 ÷ 11 =	21 ÷ 7 =	84 ÷ 12 =
14 ÷ 2 =	28 ÷ 4 =	63 ÷ 9 =
56 ÷ 7 =	42 ÷ 7 =	14 ÷ 7 =
49 ÷ 7 =	7 ÷ 7 =	70 ÷ 10 =

Green sheet 6

(7 ÷)

7 ÷ 1 =	70 ÷ 7 =	21 ÷ 3 =
42 ÷ 7 =	28 ÷ 7 =	35 ÷ 7 =
84 ÷ 7 =	63 ÷ 7 =	35 ÷ 5 =
56 ÷ 8 =	77 ÷ 7 =	49 ÷ 7 =
77 ÷ 11 =	21 ÷ 7 =	84 ÷ 12 =
14 ÷ 2 =	28 ÷ 4 =	63 ÷ 9 =
56 ÷ 7 =	42 ÷ 7 =	14 ÷ 7 =
49 ÷ 7 =	7 ÷ 7 =	70 ÷ 10 =

Green sheet 7

(7 ÷)

84 ÷ 7 =	63 ÷ 7 =	35 ÷ 5 =
56 ÷ 8 =	77 ÷ 7 =	49 ÷ 7 =
77 ÷ 11 =	21 ÷ 7 =	84 ÷ 12 =
49 ÷ 7 =	7 ÷ 7 =	70 ÷ 10 =
56 ÷ 7 =	42 ÷ 7 =	14 ÷ 7 =
14 ÷ 2 =	28 ÷ 4 =	63 ÷ 9 =
7 ÷ 1 =	70 ÷ 7 =	21 ÷ 3 =
42 ÷ 7 =	28 ÷ 7 =	35 ÷ 7 =

Green sheet 7

(7 ÷)

84 ÷ 7 =	63 ÷ 7 =	35 ÷ 5 =
56 ÷ 8 =	77 ÷ 7 =	49 ÷ 7 =
77 ÷ 11 =	21 ÷ 7 =	84 ÷ 12 =
49 ÷ 7 =	7 ÷ 7 =	70 ÷ 10 =
56 ÷ 7 =	42 ÷ 7 =	14 ÷ 7 =
14 ÷ 2 =	28 ÷ 4 =	63 ÷ 9 =
7 ÷ 1 =	70 ÷ 7 =	21 ÷ 3 =
42 ÷ 7 =	28 ÷ 7 =	35 ÷ 7 =

Green sheet 8

(9x)

0 x 9 =	9 x 9 =	9 x 12 =
1 x 9 =	10 x 9 =	9 x 1 =
2 x 9 =	11 x 9 =	9 x 4 =
3 x 9 =	12 x 9 =	9 x 10 =
4 x 9 =	9 x 8 =	9 x 0 =
5 x 9 =	9 x 5 =	9 x 6 =
6 x 9 =	9 x 7 =	9 x 11 =
7 x 9 =	9 x 3 =	9 x 2 =
8 x 9 =	9 x 9 =	

Green sheet 8

(9x)

0 x 9 =	9 x 9 =	9 x 12 =
1 x 9 =	10 x 9 =	9 x 1 =
2 x 9 =	11 x 9 =	9 x 4 =
3 x 9 =	12 x 9 =	9 x 10 =
4 x 9 =	9 x 8 =	9 x 0 =
5 x 9 =	9 x 5 =	9 x 6 =
6 x 9 =	9 x 7 =	9 x 11 =
7 x 9 =	9 x 3 =	9 x 2 =
8 x 9 =	9 x 9 =	

Green sheet 9

(9x)

0 x 9 =	9 x 7 =	9 x 12 =
5 x 9 =	9 x 10 =	9 x 1 =
6 x 9 =	9 x 4 =	11 x 9 =
3 x 9 =	12 x 9 =	5 x 9 =
4 x 9 =	10 x 9 =	9 x 0 =
8 x 9 =	9 x 3 =	9 x 9 =
6 x 9 =	9 x 5 =	9 x 11 =
7 x 9 =	9 x 2 =	9 x 8 =
2 x 9 =	1 x 9 =	

Green sheet 9

(9x)

0 x 9 =	9 x 7 =	9 x 12 =
5 x 9 =	9 x 10 =	9 x 1 =
6 x 9 =	9 x 4 =	11 x 9 =
3 x 9 =	12 x 9 =	5 x 9 =
4 x 9 =	10 x 9 =	9 x 0 =
8 x 9 =	9 x 3 =	9 x 9 =
6 x 9 =	9 x 5 =	9 x 11 =
7 x 9 =	9 x 2 =	9 x 8 =
2 x 9 =	1 x 9 =	

Green sheet 10

(9 ÷)

9 ÷ 1 =	90 ÷ 9 =	9 ÷ 9 =
54 ÷ 9 =	36 ÷ 9 =	99 ÷ 9 =
108 ÷ 9 =	81 ÷ 9 =	45 ÷ 5=
72 ÷ 8 =	18 ÷ 2 =	108 ÷ 12 =
99 ÷ 11 =	27 ÷ 9 =	63 ÷ 9 =
45 ÷ 9 =	36 ÷ 4 =	81 ÷ 9 =
72 ÷ 9 =	54 ÷ 6 =	18 ÷ 9 =
63 ÷ 7 =	27 ÷ 3 =	90 ÷ 10 =

Green sheet 10

(9 ÷)

9 ÷ 1 =	90 ÷ 9 =	9 ÷ 9 =
54 ÷ 9 =	36 ÷ 9 =	99 ÷ 9 =
108 ÷ 9 =	81 ÷ 9 =	45 ÷ 5=
72 ÷ 8 =	18 ÷ 2 =	108 ÷ 12 =
99 ÷ 11 =	27 ÷ 9 =	63 ÷ 9 =
45 ÷ 9 =	36 ÷ 4 =	81 ÷ 9 =
72 ÷ 9 =	54 ÷ 6 =	18 ÷ 9 =
63 ÷ 7 =	27 ÷ 3 =	90 ÷ 10 =

Green sheet 11

(9 ÷)

108 ÷ 9 =	81 ÷ 9 =	45 ÷ 5=
72 ÷ 8 =	18 ÷ 2 =	108 ÷ 12 =
99 ÷ 11 =	27 ÷ 9 =	63 ÷ 9 =
45 ÷ 9 =	36 ÷ 4 =	81 ÷ 9 =
72 ÷ 9 =	54 ÷ 6 =	18 ÷ 9 =
63 ÷ 7 =	27 ÷ 3 =	90 ÷ 10 =
54 ÷ 9 =	36 ÷ 9 =	99 ÷ 9 =
9 ÷ 1 =	90 ÷ 9 =	9 ÷ 9 =

Green sheet 11

(9 ÷)

108 ÷ 9 =	81 ÷ 9 =	45 ÷ 5=
72 ÷ 8 =	18 ÷ 2 =	108 ÷ 12 =
99 ÷ 11 =	27 ÷ 9 =	63 ÷ 9 =
45 ÷ 9 =	36 ÷ 4 =	81 ÷ 9 =
72 ÷ 9 =	54 ÷ 6 =	18 ÷ 9 =
63 ÷ 7 =	27 ÷ 3 =	90 ÷ 10 =
54 ÷ 9 =	36 ÷ 9 =	99 ÷ 9 =
9 ÷ 1 =	90 ÷ 9 =	9 ÷ 9 =

Green sheet 12

(12x)

0 x 12 =	9 x 12 =	12 x 12 =
1 x 12 =	10 x 12 =	12 x 1 =
2 x 12 =	11 x 12 =	12 x 4 =
3 x 12 =	12 x 12 =	12 x 10 =
4 x 12 =	12 x 8 =	12 x 0 =
5 x 12 =	12 x 5 =	12 x 6 =
6 x 12 =	12 x 7 =	12 x 11 =
7 x 12 =	12 x 3 =	12 x 2 =
8 x 12 =	12 x 9 =	

Green sheet 12

(12x)

0 x 12 =	9 x 12 =	12 x 12 =
1 x 12 =	10 x 12 =	12 x 1 =
2 x 12 =	11 x 12 =	12 x 4 =
3 x 12 =	12 x 12 =	12 x 10 =
4 x 12 =	12 x 8 =	12 x 0 =
5 x 12 =	12 x 5 =	12 x 6 =
6 x 12 =	12 x 7 =	12 x 11 =
7 x 12 =	12 x 3 =	12 x 2 =
8 x 12 =	12 x 9 =	

Green sheet 13

(12x)

0 x 12 =	12 x 7 =	12 x 9 =
5 x 12 =	12 x 10 =	12 x 1 =
6 x 12 =	12 x 4 =	11 x 12 =
3 x 12 =	12 x 12 =	5 x 12 =
4 x 12 =	10 x 12 =	12 x 0 =
8 x 12 =	12 x 3 =	9 x 12 =
6 x 12 =	12 x 5 =	12 x 11 =
7 x 12 =	12 x 2 =	12 x 8 =
2 x 12 =	1 x 12 =	

Green sheet 13

(12x)

0 x 12 =	12 x 7 =	12 x 9 =
5 x 12 =	12 x 10 =	12 x 1 =
6 x 12 =	12 x 4 =	11 x 12 =
3 x 12 =	12 x 12 =	5 x 12 =
4 x 12 =	10 x 12 =	12 x 0 =
8 x 12 =	12 x 3 =	9 x 12 =
6 x 12 =	12 x 5 =	12 x 11 =
7 x 12 =	12 x 2 =	12 x 8 =
2 x 12 =	1 x 12 =	

Green sheet 14

(12÷)

12 ÷ 1 =	120 ÷ 12 =	48 ÷ 12 =
72 ÷ 12 =	96 ÷ 8 =	108 ÷ 12 =
144 ÷ 12 =	36 ÷ 3 =	60 ÷ 5 =
12 ÷ 12 =	132 ÷ 12 =	84 ÷ 12 =
24 ÷ 12 =	36 ÷ 12 =	144 ÷ 12 =
120 ÷ 10 =	48 ÷ 4 =	108 ÷ 9 =
96 ÷ 12 =	72 ÷ 6 =	132 ÷ 11 =
84 ÷ 7 =	48 ÷ 12 =	60 ÷ 12 =

Green sheet 14

(12÷)

12 ÷ 1 =	120 ÷ 12 =	48 ÷ 12 =
72 ÷ 12 =	96 ÷ 8 =	108 ÷ 12 =
144 ÷ 12 =	36 ÷ 3 =	60 ÷ 5 =
12 ÷ 12 =	132 ÷ 12 =	84 ÷ 12 =
24 ÷ 12 =	36 ÷ 12 =	144 ÷ 12 =
120 ÷ 10 =	48 ÷ 4 =	108 ÷ 9 =
96 ÷ 12 =	72 ÷ 6 =	132 ÷ 11 =
84 ÷ 7 =	48 ÷ 12 =	60 ÷ 12 =

Green sheet 15

(12÷)

144 ÷ 12 =	36 ÷ 3 =	60 ÷ 5 =
12 ÷ 12 =	132 ÷ 12 =	84 ÷ 12 =
24 ÷ 12 =	36 ÷ 12 =	144 ÷ 12 =
120 ÷ 10 =	48 ÷ 4 =	108 ÷ 9 =
96 ÷ 12 =	72 ÷ 6 =	132 ÷ 11 =
84 ÷ 7 =	48 ÷ 12 =	60 ÷ 12 =
72 ÷ 12 =	96 ÷ 8 =	108 ÷ 12 =
12 ÷ 1 =	120 ÷ 12 =	48 ÷ 12 =

Green sheet 15

(12÷)

144 ÷ 12 =	36 ÷ 3 =	60 ÷ 5 =
12 ÷ 12 =	132 ÷ 12 =	84 ÷ 12 =
24 ÷ 12 =	36 ÷ 12 =	144 ÷ 12 =
120 ÷ 10 =	48 ÷ 4 =	108 ÷ 9 =
96 ÷ 12 =	72 ÷ 6 =	132 ÷ 11 =
84 ÷ 7 =	48 ÷ 12 =	60 ÷ 12 =
72 ÷ 12 =	96 ÷ 8 =	108 ÷ 12 =
12 ÷ 1 =	120 ÷ 12 =	48 ÷ 12 =

Green sheet 16

(6x, 7x, 9x and 12x)

3 x 9 =	7 x 8 =	1 x 9 =
6 x 9 =	11 x 9 =	12 x 12 =
2 x 6 =	9 x 7 =	3 x 6 =
4 x 12 =	11 x 12 =	2 x 12 =
12 x 6 =	5 x 12 =	7 x 7 =
8 x 7 =	12 x 10 =	6 x 6 =
10 x 9 =	2 x 7 =	7 x 9 =
8 x 12 =	3 x 12 =	12 x 7 =
5 x 8 =	11 x 8 =	6 x 8 =
6 x 7 =	9 x 9 =	4 x 9 =
12 x 9 =	4 x 7 =	8 x 9 =

Green sheet 16

(6x, 7x, 9x and 12x)

3 x 9 =	7 x 8 =	1 x 9 =
6 x 9 =	11 x 9 =	12 x 12 =
2 x 6 =	9 x 7 =	3 x 6 =
4 x 12 =	11 x 12 =	2 x 12 =
12 x 6 =	5 x 12 =	7 x 7 =
8 x 7 =	12 x 10 =	6 x 6 =
10 x 9 =	2 x 7 =	7 x 9 =
8 x 12 =	3 x 12 =	12 x 7 =
5 x 8 =	11 x 8 =	6 x 8 =
6 x 7 =	9 x 9 =	4 x 9 =
12 x 9 =	4 x 7 =	8 x 9 =

Green sheet 17

(6x, 7x, 9x and 12x)

6 x 9 =	11 x 9 =	12 x 12 =
12 x 9 =	4 x 7 =	8 x 9 =
2 x 6 =	9 x 7 =	3 x 6 =
10 x 9 =	2 x 7 =	7 x 9 =
12 x 6 =	5 x 12 =	7 x 7 =
5 x 8 =	11 x 8 =	6 x 8 =
8 x 7 =	12 x 10 =	6 x 6 =
8 x 12 =	3 x 12 =	12 x 7 =
4 x 12 =	11 x 12 =	2 x 12 =
3 x 9 =	7 x 8 =	1 x 9 =
6 x 7 =	9 x 9 =	4 x 9 =

Green sheet 17

(6x, 7x, 9x and 12x)

6 x 9 =	11 x 9 =	12 x 12 =
12 x 9 =	4 x 7 =	8 x 9 =
2 x 6 =	9 x 7 =	3 x 6 =
10 x 9 =	2 x 7 =	7 x 9 =
12 x 6 =	5 x 12 =	7 x 7 =
5 x 8 =	11 x 8 =	6 x 8 =
8 x 7 =	12 x 10 =	6 x 6 =
8 x 12 =	3 x 12 =	12 x 7 =
4 x 12 =	11 x 12 =	2 x 12 =
3 x 9 =	7 x 8 =	1 x 9 =
6 x 7 =	9 x 9 =	4 x 9 =

Green sheet 18

(6s, 7s, 9s, 12s x and ÷)

2 x 7 =	42 ÷ 7 =	7 x 9 =
42 ÷ 6 =	36 ÷ 9 =	14 ÷ 7 =
8 x 9 =	7 x 9 =	120 ÷ 12 =
21 ÷ 7 =	72 ÷ 9 =	5 x 9 =
5 x 12 =	48 ÷ 12 =	18 ÷ 9 =
48 ÷ 6 =	36 ÷ 12 =	5 x 9 =
8 x 7 =	2 x 12 =	6 x 6 =
36 ÷ 7 =	24 ÷ 12 =	132 ÷ 12 =
54 ÷ 9 =	6 x 8 =	8 x 6 =
7 x 6 =	7 x 12 =	81 ÷ 9 =
88 ÷ 8 =	8 x 7 =	12 x 4 =

Green sheet 18

(6s, 7s, 9s, 12s x and ÷)

2 x 7 =	42 ÷ 7 =	7 x 9 =
42 ÷ 6 =	36 ÷ 9 =	14 ÷ 7 =
8 x 9 =	7 x 9 =	120 ÷ 12 =
21 ÷ 7 =	72 ÷ 9 =	5 x 9 =
5 x 12 =	48 ÷ 12 =	18 ÷ 9 =
48 ÷ 6 =	36 ÷ 12 =	5 x 9 =
8 x 7 =	2 x 12 =	6 x 6 =
36 ÷ 7 =	24 ÷ 12 =	132 ÷ 12 =
54 ÷ 9 =	6 x 8 =	8 x 6 =
7 x 6 =	7 x 12 =	81 ÷ 9 =
88 ÷ 8 =	8 x 7 =	12 x 4 =

Green sheet 19

(6s, 7s, 9s, 12s x and ÷)

8 x 9 =	7 x 9 =	120 ÷ 12 =
21 ÷ 7 =	72 ÷ 9 =	5 x 9 =
5 x 12 =	48 ÷ 12 =	18 ÷ 9 =
48 ÷ 6 =	36 ÷ 12 =	5 x 9 =
8 x 7 =	2 x 12 =	6 x 6 =
36 ÷ 7 =	24 ÷ 12 =	132 ÷ 12 =
54 ÷ 9 =	6 x 8 =	8 x 6 =
7 x 6 =	7 x 12 =	81 ÷ 9 =
88 ÷ 8 =	8 x 7 =	12 x 4 =
42 ÷ 6 =	36 ÷ 9 =	14 ÷ 7 =
2 x 7 =	42 ÷ 7 =	7 x 9 =

Green sheet 19

(6s, 7s, 9s, 12s x and ÷)

8 x 9 =	7 x 9 =	120 ÷ 12 =
21 ÷ 7 =	72 ÷ 9 =	5 x 9 =
5 x 12 =	48 ÷ 12 =	18 ÷ 9 =
48 ÷ 6 =	36 ÷ 12 =	5 x 9 =
8 x 7 =	2 x 12 =	6 x 6 =
36 ÷ 7 =	24 ÷ 12 =	132 ÷ 12 =
54 ÷ 9 =	6 x 8 =	8 x 6 =
7 x 6 =	7 x 12 =	81 ÷ 9 =
88 ÷ 8 =	8 x 7 =	12 x 4 =
42 ÷ 6 =	36 ÷ 9 =	14 ÷ 7 =
2 x 7 =	42 ÷ 7 =	7 x 9 =

Bronze sheet 1

(Mix x and ÷)

5 x 2 =	10 ÷ 2 =	1 x 2 =	8 x 5 =	27 ÷ 3 =
20 ÷ 2 =	9 x 2 =	5 ÷ 1 =	9 x 5 =	20 ÷ 2 =
6 x 8 =	8 x 9 =	24 ÷ 8 =	49 ÷ 7 =	3 x 9 =
7 x 5 =	30 ÷ 3 =	3 x 4 =	28 ÷ 4 =	8 x 2 =
42 ÷ 7 =	7 x 8 =	63 ÷ 9 =	8 x 0 =	72 ÷ 8 =
10 x 10 =	6 x 5 =	7 x 2 =	40 ÷ 10 =	10 ÷ 1 =
4 x 3 =	7 x 10 =	2 x 2 =	6 x 10 =	4 x 5 =
9 x 9 =	6 x 7 =	54 ÷ 9 =	6 x 1 =	64 ÷ 8 =
10 x 4 =	8 x 4 =	15 ÷ 3 =	10 ÷ 1 =	8 x 10 =
3 ÷ 1 =	15 ÷ 5 =	50 ÷ 5 =	9 x 10 =	5 x 4 =
6 x 6 =	42 ÷ 6 =	36 ÷ 6 =	6 ÷ 2 =	81 ÷ 9 =
2 x 3 =	7 x 3 =	9 x 0 =	25 ÷ 5 =	12 ÷ 2 =

Bronze sheet 2

(Mix x and ÷)

20 ÷ 2 =	9 x 2 =	5 ÷ 1 =	9 x 5 =	20 ÷ 2 =
7 x 5 =	30 ÷ 3 =	3 x 4 =	28 ÷ 4 =	8 x 2 =
42 ÷ 7 =	7 x 8 =	63 ÷ 9 =	8 x 0 =	72 ÷ 8 =
10 x 10 =	6 x 5 =	7 x 2 =	40 ÷ 10 =	10 ÷ 1 =
4 x 3 =	7 x 10 =	2 x 2 =	6 x 10 =	4 x 5 =
9 x 9 =	6 x 7 =	54 ÷ 9 =	6 x 1 =	64 ÷ 8 =
10 x 4 =	8 x 4 =	15 ÷ 3 =	10 ÷ 1 =	8 x 10 =
3 ÷ 1 =	15 ÷ 5 =	50 ÷ 5 =	9 x 10 =	5 x 4 =
6 x 6 =	42 ÷ 6 =	36 ÷ 6 =	6 ÷ 2 =	81 ÷ 9 =
2 x 3 =	7 x 3 =	9 x 0 =	25 ÷ 5 =	12 ÷ 2 =
9 x 7 =	6 x 9 =	56 ÷ 7 =	48 ÷ 8 =	7 x 7 =
6 x 4 =	10 ÷ 2 =	8 ÷ 2 =	8 x 3 =	16 ÷ 4 =

Silver sheet 1

(x and ÷ by 10, 100 and 1000)

20 x 10 =	467.5 x 1000 =	10% of 480 =
400 ÷ 100 =	50000 ÷ 1000 =	10% of 3600 =
30 x 1000 =	243.8 ÷ 10 =	1/100 of 860 =
0.73 x 100 =	30 x 10 =	1/1000 of 7500 =
65 ÷ 100 =	1.879 x 100 =	1/10 of 9 =
0.08 x 10 =	270 ÷ 1000 =	10% of 1000 =
0.12 x 1000 =	0.7 x 10 =	10% of £5.30 =
41200 ÷ 1000 =	0.5 ÷ 10 =	1/10 of £17.20 =
5490 ÷ 100 =	0.003 x 1000 =	1/1000 of £12450 =
8240 x 100 =	450 ÷ 100 =	1/100 of 5000m =
0.95 x 10 =	8 x 1000 =	1/10 of 60m =
24 ÷ 10 =	3600000 ÷ 1000 =	10% of £986.30 =

Silver sheet 2

(x and ÷ by 10, 100 and 1000)

400 ÷ 100 =	50000 ÷ 1000 =	10% of 3600 =
0.73 x 100 =	30 x 10 =	1/1000 of 7500 =
30 x 1000 =	243.8 ÷ 10 =	1/100 of 860 =
0.08 x 10 =	270 ÷ 1000 =	10% of 1000 =
65 ÷ 100 =	1.879 x 100 =	1/10 of 9 =
41200 ÷ 1000 =	0.5 ÷ 10 =	1/10 of £17.20 =
0.12 x 1000 =	0.7 x 10 =	10% of £5.30 =
8240 x 100 =	450 ÷ 100 =	1/100 of 5000m =
0.95 x 10 =	8 x 1000 =	1/10 of 60m =
24 ÷ 10 =	3600000 ÷ 1000 =	10% of £986.30 =
5490 ÷ 100 =	0.003 x 1000 =	1/1000 of £12450 =
20 x 10 =	467.5 x 1000 =	10% of 480 =

Gold sheet 1

(Fractions of 2 digit numbers)

7/10 of 20 =	5/9 of 36 =	5/8 of 32 =	5/9 of 36 =
2/3 of 21 =	7/8 of 40 =	5/9 of 45 =	5/8 of 40 =
3/4 of 32 =	6/7 of 63 =	3/8 of 48 =	3/7 of 70 =
3/5 of 35 =	5/6 of 54 =	4/7 of 28 =	5/6 of 60 =
5/6 of 18 =	6/7 of 56 =	1/6 of 36 =	6/7 of 14 =
2/3 of 27 =	3/8 of 16 =	5/9 of 54 =	3/5 of 40 =
3/4 of 28 =	5/9 of 18 =	7/8 of 56 =	5/9 of 81 =
4/5 of 30 =	5/8 of 64 =	3/7 of 35 =	3/5 of 45 =
5/6 of 18 =	6/7 of 49 =	2/9 of 54 =	6/7 of 21 =
6/7 of 35 =	3/8 of 48 =	5/8 of 56 =	2/9 of 36 =
3/8 of 24 =	5/9 of 27 =	3/8 of 72 =	2/9 of 72 =
5/9 of 63 =	7/8 of 40 =	5/9 of 63 =	2/5 of 25 =

Gold sheet 2

(Fractions of 2 digit numbers)

3/4 of 32 =	6/7 of 63 =	3/8 of 48 =	3/7 of 70 =
3/5 of 35 =	5/6 of 54 =	4/7 of 28 =	5/6 of 60 =
5/6 of 18 =	6/7 of 56 =	1/6 of 36 =	6/7 of 14 =
2/3 of 27 =	3/8 of 16 =	5/9 of 54 =	3/5 of 40 =
3/4 of 28 =	5/9 of 18 =	7/8 of 56 =	5/9 of 81 =
4/5 of 30 =	5/8 of 64 =	3/7 of 35 =	3/5 of 45 =
5/6 of 18 =	6/7 of 49 =	2/9 of 54 =	6/7 of 21 =
6/7 of 35 =	3/8 of 48 =	5/8 of 56 =	2/9 of 36 =
3/8 of 24 =	5/9 of 27 =	3/8 of 72 =	2/9 of 72 =
5/8 of 48 =	2/7 of 63 =	5/8 of 80 =	6/7 of 42 =
5/9 of 63 =	7/8 of 40 =	5/9 of 63 =	2/5 of 25 =
6/7 of 49 =	5/6 of 54 =	3/4 of 48 =	7/9 of 54 =

Platinum sheet 1

(Convert measures)

1 m =	cm	1 litre =	ml	1 kg =	g	1 hour =	minutes
3000 m =	km	5.5 litres =	ml	500 g =	kg	120 minutes =	hours
100 cm =	mm	3050 ml =	l	8200g =	kg	1 day =	hours
1.52 km =	m	100 ml =	l	0.2 kg =	g	1 year =	days
5000 cm =	m	2.75 l =	ml	400 g =	kg	2 years =	days
6 $\frac{1}{2}$ m =	cm	0.5 l =	ml	10.1 kg =	g	1 decade =	years
20.4 km =	m	10000 ml =	l	60g =	kg	500 years =	century
500 m =	km	15 ml =	l	250 kg =	g	1 week =	hours

Platinum sheet 2

(Convert measures)

100 cm =	mm	3050 ml =	l	8200g =	kg	1 day =	hours
1.52 km =	m	100 ml =	l	0.2 kg =	g	1 year =	days
5000 cm =	m	2.75 l =	ml	400 g =	kg	2 years =	days
6 $\frac{1}{2}$ m =	cm	0.5 l =	ml	10.1 kg =	g	1 decade =	years
20.4 km =	m	10000 ml =	l	60g =	kg	500 years =	century
500 m =	km	15 ml =	l	250 kg =	g	1 week =	hours
3 $\frac{1}{4}$ km =	m	750 ml =	l	750 g =	kg	10 hours =	minutes
1000 mm =	cm	1500 ml =	l	$\frac{1}{4}$ kg =	g	240 minutes =	hours

Rainbow sheet 1

(Percentages)

50% of 100=	30% of 1000=	25% of 80=	75% of 12=
10% of 360=	20% of 250=	75% of 440=	1% of 1200=
5 % of 120 =	40% of 200=	15% of 180=	10% of 1500=
75% of 2000=	25% of 480=	10% of 520=	20% of 700=
75% of 120 =	50% of 300=	50% of 600=	50% of 10, 000=
10% of 40=	100% of 237=	1% of 290=	50% of 700=
50% of 1400=	50% of 30=	25% of 40=	50% of 44=
30% of 100=	25% of 840=	75% of 80=	20% of 100=
20% of 40=	30% of 200=	15% of 80=	50% of 300=
5% of 100=	60% of 200=	5% of 50=	10% of 450=
20% of 50=	25% of 20=	75% of 20=	25 % of 40=
10% of 90=	100% of 211=	90% of 100=	20% of 200=

Rainbow sheet 2

(Percentages)

10% of 360=	20% of 250=	75% of 440=	1% of 1200=
75% of 2000=	25% of 480=	10% of 520=	20% of 700=
75% of 120 =	50% of 300=	50% of 600=	50% of 10, 000=
10% of 40=	100% of 237=	1% of 290=	50% of 700=
50% of 1400=	50% of 30=	25% of 40=	50% of 44=
30% of 100=	25% of 840=	75% of 80=	20% of 100=
20% of 40=	30% of 200=	15% of 80=	50% of 300=
5% of 100=	60% of 200=	5% of 50=	10% of 450=
20% of 50=	25% of 20=	75% of 20=	25 % of 40=
10% of 90=	100% of 211=	90% of 100=	20% of 200=
90% of 100=	75% of 120=	75% of 400=	50% of 180=
25% of 60=	40% of 200=	40% of 400=	10% of 770=

Rainbow sheet 3

(BIDMAS)

$4 + 2 \times 3 =$	$10 - 3 \times 2 =$	$6 \times 2 + 3 =$
$12 - 3 \times 4 =$	$24 - 4 + 7 =$	$16 + 32 \div 4 =$
$30 \div 3 + 2 =$	$30 + 3 \times 2 =$	$(30 + 3) \times 2 =$
$8 + 4 \times 5 =$	$45 - 4 \times 5 =$	$12 - (10 \div 2) =$
$5 \times (1 + 6) =$	$5 \times 1 + 6 =$	$28 + 3 \times 4 =$
$3 + 2 \times 5 + 1 =$	$44 - (3^2 + 2) =$	$(2 + 3) \times (2 + 4) =$
$(12 - 9) \times 3 =$	$40 \div (16 \div 2) =$	$2^2 + 23 =$
$(3 + 4) \times 6 =$	$16 \div 2 + 2 =$	$14 \times (24 \div 12) =$
$15 \times (2 + 1) =$	$12 - 4 \times 2 + 3 =$	$13 + 3 \times 3 + 4 =$
$21 - 4 \times 2 =$	$99 - 9 \times 9 =$	$2^3 - 3 \times 2 =$

Rainbow sheet 4

(BIDMAS)

$8 + 4 \times 5 =$	$5 \times 1 + 6 =$	$10 - 3 \times 2 =$
$16 + 32 \div 4 =$	$30 \div 3 + 2 =$	$(30 + 3) \times 2 =$
$6 \times 2 + 3 =$	$30 + 3 \times 2 =$	$28 + 3 \times 4 =$
$4 + 2 \times 3 =$	$45 - 4 \times 5 =$	$24 - 4 + 7 =$
$12 - 3 \times 4 =$	$5 \times (1 + 6) =$	$40 \div (16 \div 2) =$
$21 - 4 \times 2 =$	$13 + 3 \times 3 + 4 =$	$99 - 9 \times 9 =$
$(3 + 4) \times 6 =$	$12 - (10 \div 2) =$	$2^2 + 23 =$
$(2 + 3) \times (2 + 4) =$	$(12 - 9) \times 3 =$	$15 \times (2 + 1) =$
$2^3 - 3 \times 2 =$	$16 \div 2 + 2 =$	$12 - 4 \times 2 + 3 =$
$14 \times (24 \div 12) =$	$3 + 2 \times 5 + 1 =$	$44 - (3^2 + 2) =$

Rainbow sheet 3

(BIDMAS)

ANSWERS

$4 + 2 \times 3 =$	10	$10 - 3 \times 2 =$	4	$6 \times 2 + 3 =$	15
$12 - 3 \times 4 =$	0	$24 - 4 + 7 =$	27	$16 + 32 \div 4 =$	24
$30 \div 3 + 2 =$	12	$30 + 3 \times 2 =$	36	$(30 + 3) \times 2 =$	66
$8 + 4 \times 5 =$	28	$45 - 4 \times 5 =$	25	$12 - (10 \div 2) =$	7
$5 \times (1 + 6) =$	35	$5 \times 1 + 6 =$	11	$28 + 3 \times 4 =$	40
$3 + 2 \times 5 + 1 =$	14	$44 - (3^2 + 2) =$	33	$(2 + 3) \times (2 + 4) =$	30
$(12 - 9) \times 3 =$	9	$40 \div (16 \div 2) =$	5	$2^2 + 23 =$	27
$(3 + 4) \times 6 =$	42	$16 \div 2 + 2 =$	10	$14 \times (24 \div 12) =$	28
$15 \times (2 + 1) =$	45	$12 - 4 \times 2 + 3 =$	7	$13 + 3 \times 3 + 4 =$	26
$21 - 4 \times 2 =$	13	$99 - 9 \times 9 =$	18	$2^3 - 3 \times 2 =$	2

Rainbow sheet 4

(BIDMAS)

ANSWERS

$8 + 4 \times 5 =$	28	$5 \times 1 + 6 =$	11	$10 - 3 \times 2 =$	4
$16 + 32 \div 4 =$	24	$30 \div 3 + 2 =$	12	$(30 + 3) \times 2 =$	66
$6 \times 2 + 3 =$	15	$30 + 3 \times 2 =$	36	$28 + 3 \times 4 =$	40
$4 + 2 \times 3 =$	10	$45 - 4 \times 5 =$	25	$24 - 4 + 7 =$	27
$12 - 3 \times 4 =$	0	$5 \times (1 + 6) =$	35	$40 \div (16 \div 2) =$	5
$21 - 4 \times 2 =$	13	$13 + 3 \times 3 + 4 =$	26	$99 - 9 \times 9 =$	18
$(3 + 4) \times 6 =$	42	$12 - (10 \div 2) =$	7	$2^2 + 23 =$	27
$(2 + 3) \times (2 + 4) =$	30	$(12 - 9) \times 3 =$	9	$15 \times (2 + 1) =$	45
$2^3 - 3 \times 2 =$	2	$16 \div 2 + 2 =$	10	$12 - 4 \times 2 + 3 =$	7
$14 \times (24 \div 12) =$	28	$3 + 2 \times 5 + 1 =$	14	$44 - (3^2 + 2) =$	33

Black sheet 1

(Algebra)

Key			
A = 5	B = 9	C = 15	D = 22

((A x B) + C) =	(D + A) + C =	(B + B) x C =
(D + C) x A =	(C + A) – B =	(A – B) + D =
(D – C) + (B + A) =	(C ÷ A) x D =	((D x C) + A)=
((B x C) + A)=	(C x A) + (D – A) =	(B x B) + D =
(B + A) x C =	((D + C) x A) =	((C x B) – A) =
(B x A) + (C + D) =	(A x C) x B =	(D x B) – C =
(A x C) + (B + D) =	(B x C) + D =	D + (A x B) =
(C x B) + D =	(A x B) + (C + D) =	(D x A) + (B + C) =

Black sheet 2

(Algebra)

Key			
A = 5	B = 9	C = 15	D = 22

((B x C) + A)=	(C x A) + (D – A) =	(B x B) + D =
(B + A) x C =	((D + C) x A) =	((C x B) – A) =
(A x C) + (B + D) =	(B x C) + D =	D + (A x B) =
(B x C) + (A x D) =	(D x B) + A =	((A x B) + C) =
((A x B) + C) =	(D + A) + C =	(B + B) x C =
(A x C) + (D x B) =	((C + A) x D) =	B x (A + C) =
(C x B) + D =	(A x B) + (C + D) =	(D x A) + (B + C) =
(B x A) + (C + D) =	(A x C) x B =	(D x B) – C =

Black sheet 3

(Algebra)

Key			
A = 3	B = 2	C = 6	D = 4

$((A \times B) + C)^2$ =	(D + A) + C =	(B + B) x C =
(D + C) x A =	(C + A) – B =	(A – B) + D =
(C - D) + (B + A) =	(C ÷ A) x D =	$((D \times C) + A)^2$ =
$((B \times C) + A)^2$ =	(C x A) + (C – B) =	(B x B) + D =
(B + A) x C =	$((D + C) \times A)^2$ =	$((C \times B) - A)^2$ =
(B x A) + (C + D) =	(A x C) x B =	(D x B) – C =
(A x C) + (B + D) =	(B x C) + D =	D + (A x B) =
(C x B) + D =	(A x B) + (C + D) =	(D x A) + (B + C) =

Black sheet 4

(Algebra)

Key			
A = 3	B = 2	C = 6	D = 4

$(C - A) + (B + A) =$	$(C \div A) \times D \times B =$	$((D \times C) + A)^2 =$
$(B + A) \times C =$	$((D + C) \times A)^2 =$	$((C \times B) - A)^2 =$
$(B \times A) + (C + D) =$	$(A \times C) \times B =$	$(D \times B) - C =$
$(C \times B) + D =$	$(A \times B) + (C + D) =$	$(D \times A) + (B + C) =$
$((A \times B) + C)^2 =$	$(D + A) + C =$	$(B + B) \times C =$
$(A \times C) + (D \times B) =$	$((C + A) \times D)^2 =$	$B \times (A + C) =$
$((B \times C) + A)^2 =$	$(C \times A) + (D - A) =$	$(B \times B) + D =$
$(B \times C) + (A \times D) =$	$(D \times B) + A =$	$((A \times B) + C)^2 =$