MATHS PASSPORT HELP FOR PARENTS/CARERS

Stage 3 Can you make it to **India?**	Examples / Can your child answer these questions?
I can say 10 more or 10 less than a given number	e.g. 10 more than 12 is 22, 10 less than 35 is 25 Play 'I have .. you have 10 more. You have??.' E.g. 'I have 23 you have 10 more. You have..' What is 10 less than …? What is 10 more than …?
I can count up and down in tenths	e.g. 0.1, 0.2, 0.3 …. 2.1, 2.2, etc What's the next tenth after 2.1? [2.2] Start at 1.2 and count up in tenths to 2.2
I know addition and subtraction facts for all the numbers to 10 and for 15 and 20 e.g. 13+ 7=20 20-7 =13	e.g. 13+ 7=20 20-7 =13 Play 'I have.. you have..' Total is 20 I have 7. You have [child replies] 13 I have 6 biscuits and need 15. How many more do I need? What numbers could you add to give a total of 15? Are there any other ways to get a total of 15?
I know addition and subtraction facts for all the multiples of 5 and 10 that total 100 e.g. 35+65 = 100 100-65 = 35	e.g. 35 + 65 = 100 100 - 65 = 35 Play 'I have.. you have..' Total is 75. I have 60. You have [child replies] 15 Using multiples of 5, what numbers could you add to give a total of 25? Are there any other ways to get a total of 25? I need 35 counters, I already have 10. How many more do I need?
I know doubles of all the numbers to 50 and their halves e.g. double 7 is 14, half of 14 is 7	e.g. double 7 is 14, half of 14 is 7 I think of a number, then I halve it and get 15, what number was I thinking of? Pick a number, and then double it. Pick a number and halve it. What is the largest number you can double? Explain how you know your answer is right… Roll 2 numbers on a die, add them together, and then double it. What must I double to get 16? 22? 36?

I know doubles of multiples of 50 to 500 and their halves e.g. double 350 is 700, half of 700 is 350	e.g. double 250 is 500, half of 500 is 250 I doubled a number and the result was 100. What was my number? If you have £1.50 and I double it, how much have you got now? A book is priced at £4.00. How much will you pay if its half price?
I can round numbers to the nearest 10 and 100	e.g. 8 is rounded up to 10, 156 rounded to the nearest 100 is 200, 138 rounded to the nearest 100 is 100 What is 45 rounded to the nearest 10? [50] Is £4.67 nearer to £5 or £4? [£5] If I needed to round 65 to the nearest 10 and to the nearest 100, would they be the same answer? [No – 70 and 100]

• I know the multiplication facts for the: 2 x tables 5 x tables 10 x tables 3 x tables 4 x tables 6 x tables and 8 x tables	• I know the division facts :or the : 2 x tables 5 x tables 10 x tables 3 x tables 4 x tables 6 x tables and 8 x tables

Example questions:
What is the answer to 35 ÷ 5? 40 ÷ 5?
Which is the missing number: ? x 5 = 25? How do you know?
How many 5s are there in 55? Which is the number before 56 in the 8x table?
What is the answer to 6x8? 5x8?

MULTIPLICATION TABLES

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

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

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

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

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

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

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

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

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

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

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

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

Corresponding division facts

Use the table above to ask questions such as:

30 ÷ 6 = 5   14 ÷ 2 = 7   24 ÷ 3 = 8

How many 5's are in 55? If I shared 32 oranges between 4 people, how many would each person have?