4.1 Know by heart all bonds of 10 to 100 (e.g. 20+80, 50+50)
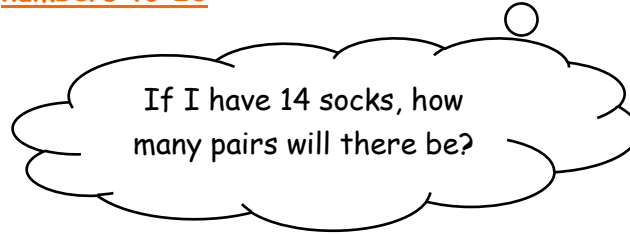
cUsing a pack of playing cards, ten over a card and place it in the tens column. Say how many more are needed to make 100. How many questions can you answer in 30 seconds?

Tens	Ones
	0

60!

4.2 Know all doubles and halves of all numbers to 20

If I have 14 socks, how many pairs will there be?

Don't forget your halves of odd numbers too! E.g. half of 17 = 8.5 or $8\frac{1}{2}$

4.3 Count in tens from any number (forwards and backwards)

Using a pack of play cards, place one card in the tens columns and one in the ones. What is 10 more or 10 less than the number? Can you continue counting forwards/backwards in tens (to 100 or 0)?

Tens	Ones

37, 27, 17, 7!

4.4 Know by heart addition and subtraction facts for each number up to 20

Using playing cards, (removing the picture cards from the deck) give each player 2 cards. Each player finds the total of their cards. The first player decides whether to 'stick' or 'twist' If they stick, they keep their cards, if they twist, they get an extra card. The winner is the player that is closest to 20 without being over 20.

Venus

Colour the star when you think you have achieved that skill. **Remember, you need to answer each question under 3 seconds** (try to answer 10 or more in 30 seconds). Your teacher will let you know the next time there's an assessment.

4.5 Know by heart all multiplication and division facts for the two timestables (up to 2×12)

Use a pack of cards to generate calculations. Use the Jack as 11 and the Queen as 12. Multiply the card by 2. Can you beat your best score?
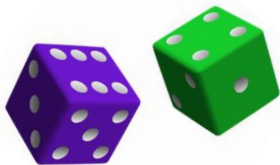
$6 \times 2 = 12$ so
$12 \div 2 = 6$

4.6 Know by heart all multiplication and division facts for 5 (up to 5×12)

Roll one dice and multiply it by 5. When you're confident, roll two dice and times the total by 5.

4.7 Know by heart all multiplication and division facts for 10 (up to 10×12)

Use the multiplication grid overleaf to help. As you get quicker, cover up some of the numbers until you're confident without the grid.

Let's skip count by 10's.
10 20 30 40 50 60

Make it fun!
Play Fizz Buzz. To practice the 2 and 5 timestables together, take it in turns to count in ones. If a number is in the 2 timestables say 'Fizz' instead of the number. Say 'Bizz' if it's in the 5 timestables and say 'Fizz Buzz' if it's in both!

Fizz...
...Buzz
3 36 21 15