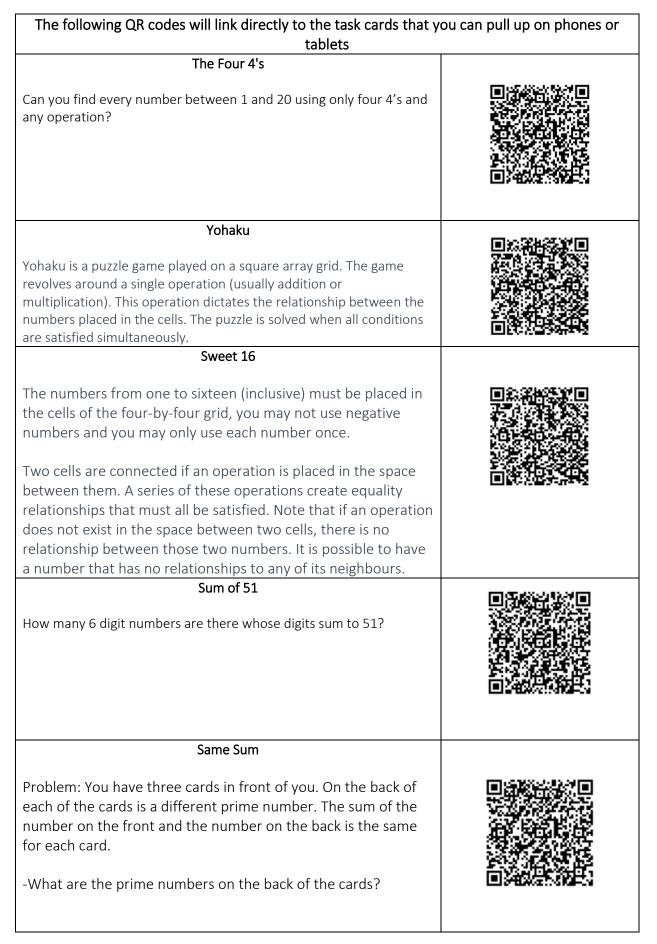
## Numeracy Kit QR Codes



Order of Operations Menu Task	
Build as few numbers as possible to satisfy each constraint at least once.	
Which constraints pair nicely?	
Which constraints cannot be paired?	
Is it possible to solve in 2, 3, or 4 numbers?	
Number and Operations Menu Task	
Build as few numbers as possible to satisfy each constraint at least once.	
Which constraints pair nicely?	
Which constraints cannot be paired?	
Is it possible to solve in 2, 3, or 4 numbers?	
Make 100	
<b>Task:</b> Given the digits 1-9, make 100 using standard operators. Use each number only once.	
Kenken	
<u>Task Instructions:</u> Your goal is to fill in the grid with the numbers 1 - 3 so that no number is repeated in any row or column. The heavily outline areas contain a target number and math operation that you must use.	
Integer Solitaire	
Integer solitaire can be played alone or in pairs. Students are dealt 18 playing cards at random. The object of the game is to place a card in every space on the board so that all equalities are true. Because the cards are not in fixed positions, students are not committed to the equalities they create and can rearrange them as needed.	
Frame the Cards	
Problem: Arrange the cards from the ace to the ten into a picture frame so that each the top, bottom, and sides add to the same total of spots (hearts/diamonds) Right now, the top row adds to 23, the bottom adds to 12, the left side is 22 and the right side is 22. These four numbers should be the same. Apparently, there are 10 solutions to this problem.	

Fifteen	
Task: Using the numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9 Alternate between partners to pick one number at a time. Once a number is picked, it is gone. The goal is to have 3 numbers that add to 15.	
Chessboard	
How many squares on a chessboard? How many rectangles?	
Characteristics of Numbers	
<ul><li>Build as few numbers as possible to satisfy each constraint at least once.</li><li>Which constraints pair nicely?</li><li>Which constraints cannot be paired?</li><li>Is it possible to solve in 2, 3, or 4 numbers?</li></ul>	
31-derful	
Goal: you need to create a 5 x 5 grid (25 cards) in which the rows and columns of cards all have a sum of 31. To Win: Each row and column need to add up to exactly 31.	
30 Scratch	
Problem: Roll a die to choose 4 digits from 2-9 e.g. 3 5 7 9 Use these digits in combination with any operation to make the numbers 1-30.	

