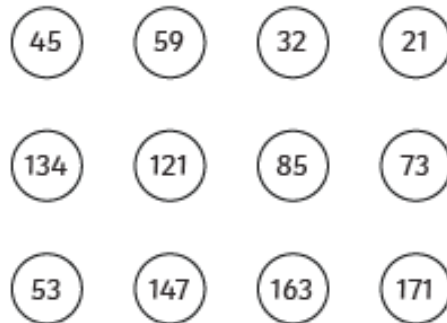


11.06.20

LI: I am learning to identify multiples, factors and prime numbers.

- 1) Write *all* the numbers between 50 and 100 that are factors of 180
- 2) 364 is a multiple of 7 but not a multiple of 3. 384 is a multiple of 3 but not a multiple of 7. Find a number between 364 and 384 that is both a multiple of 7 and a multiple of 3.
- 3) Write the *three prime numbers* which multiply to make 231.
- 4) What is the highest common factor of 24 and 36?
- 5) Identify the prime numbers below by shading in each prime number:



- 6) What is the highest common factor of 32 and 52 multiplied by the highest common factor of 12 and 48?
- 7) Write three pairs of prime numbers that, when added together, create square numbers.

Challenge: Use common factors to find equivalent fractions for the following fractions. $15/50$ and $18/24$