

Fruit Factors

Activity

Numbers that have exactly 2 factors are prime numbers. Numbers that have more than 2 factors are composite numbers. Can students identify which basket each fruit number belongs in?

This activity gets students to review identifying factors and exploring prime and composite numbers.

To support:

- Review how to identify factors.
 - ◆ Skip counting, times tables, 100s chart
- Model identifying factors.
 - ◆ Let's skip count in 5s to see if 5 is a factor of 15.
 - 5, 10, 15
 - How many times did we count in 5s?
 - 3 times, so 5 and 3 are factors of 15.



To challenge

Students could...

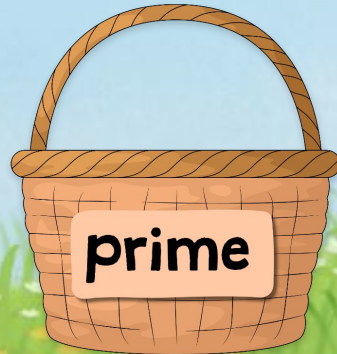
- Identify other numbers that could go in each basket.
- Explore identifying twin prime numbers.
 - ◆ Prime numbers that have a difference of 2.
 - E.g. 5 and 3, 17 and 19, etc.
- Investigate what is the bigger prime number they can identify.

Fruity Factors

Numbers that have exactly two factors are prime numbers.
Numbers that have more than two factors are composite number.

Which basket does each fruit belong in?

What are some other numbers that belong in each basket?



Solution

