

Problem of the Week

The following tasks address the four operations while highlighting mathematical vocabulary – sum, difference, product, etc. The tasks are meant to be open-ended so that discussion can support understanding.

Be mindful that during these prompts, it is important the teacher listens to student conversations and asks questions that illicit student thinking.

Primary	Ask students to identify two numbers that address all the following criteria: <ul style="list-style-type: none">• The sum of the two numbers is less than 100.• The difference between the two numbers is a two-digit number.• One of the numbers is quite larger than the other number.• Each of the two numbers have different digits.
----------------	---

Elementary	Ask students to identify two numbers that address all the following criteria: <ul style="list-style-type: none">• The product of the two numbers is large number.• Each of the two numbers have different digits.• The difference of the two numbers is less than 100.
-------------------	--

Intermediate	Ask students to identify two fractions that address all the following criteria: <ul style="list-style-type: none">• The sum of the two fractions is greater than 1.• The difference between the two fractions is approximately $\frac{1}{3}$.• The product of the two fractions is between $\frac{1}{2}$ and 1.
---------------------	---