

ADD, SUBTRACT FRACTIONS WITH THE SAME DENOMINATOR.

INVESTIGATIONS OVERVIEW PAGE

THIS PAGE IS A SUMMARY OF THE INVESTIGATIONS THAT STUDENTS MAY ENGAGE IN TO DEEPEN THEIR RELATIONAL UNDERSTANDING. INVESTIGATIONS WITH INSTRUCTIONS TO STUDENTS FOLLOW ON SUBSEQUENT PAGES.

- In pairs, children select cards to make fractions and mixed numerals with the same denominator (halves, quarters, thirds, fifths, sixths, eighths, tenths and twelfths). They add their fractions and mixed numerals using place value. *Reflection: How can we add fractions and mixed numerals using place value?*
- In pairs, children select cards to make fractions and mixed numerals with the same denominator (halves, quarters, thirds, fifths, sixths, eighths, tenths and twelfths). They subtract their fraction and mixed numerals using place value. *Reflection: How can we subtract fractions and mixed numerals using place value?*
- In pairs, children use playing cards to make a unit fraction (halves, quarters, thirds, fifths, sixths, eighths, tenths and twelfths). They name the fraction needed to make 1. *Reflection: How can we add fractions and mixed numerals using place value?*
- In pairs, children use playing cards to make a mixed numeral (halves, quarters, thirds, fifths, sixths, eighths, tenths and twelfths). They name the fraction needed to add to get to the nearest whole number. *Reflection: How can we add fractions and mixed numerals using place value?*
- In pairs, children use playing cards to make a mixed numeral (halves, quarters, thirds, fifths, sixths, eighths, tenths and twelfths). They name the fraction needed to subtract to get back to the nearest whole number. *Reflection: How can we add fractions and mixed numerals using place value?*

Add, Subtract Fractions with the Same Denominator.

Select cards to make 2 fractions or mixed numerals with the same denominator.

Record the fractions in an addition number sentence.

Add the fractions using place value.

Reflection: How can we add fractions and mixed numerals using place value?

Add, Subtract Fractions with the Same Denominator.

Select cards to make 2 fractions or mixed numerals with the same denominator.

Record the fractions in a subtraction number sentence.

Subtract the fractions, using place value.

Reflection: How can we subtract fractions and mixed numerals using place value?

Add, Subtract Fractions with the Same Denominator.

Use playing cards to make a unit fraction (halves, quarters, thirds, fifths, sixths, eighths, tenths and twelfths) that is neither too easy nor too challenging.

Name the fraction needed to make 1.

Reflection: How can we add fractions and mixed numerals using place value?

Add, Subtract Fractions with the Same Denominator.

Use playing cards to make a mixed numeral (halves, quarters, thirds, fifths, sixths, eighths, tenths and twelfths).

Name the fraction needed to add to get to the nearest whole number.

Reflection: How can we add fractions and mixed numerals using place value?

Add, Subtract Fractions with the Same Denominator.

Use playing cards to make a mixed numeral (halves, quarters, thirds, fifths, sixths, eighths, tenths or twelfths).

Name the fraction needed to subtract to get back to the nearest whole number.

Reflection: How can we add fractions and mixed numerals using place value?