

ADD + SUBTRACT FRACTIONS

Guided Math Notes

5th Grade

That One Cheerful Classroom

SUBTRACTING FRACTIONS WITH UNLIKE DENOMINATORS

Teacher Problem
 $9 - 9, 18$
 $6 - 6, 12, 18$

How to Solve

1. Find common multiples of the denominator.
2. Create equivalent fractions.
3. Subtract your equivalent fractions.
4. Reduce to the simplest form.

Buddy Problem #1
 $7 - 7, 14, 21$
 $3 - 3, 6, 9, 12, 15, 18, 21$

Independent Problem #1
 $3 - 3, 6, 9, 12, 15, 18, 21, 24$
 $8 - 8, 16, 24$

SUBTRACTING MIXED NUMBERS WITH UNLIKE DENOMINATORS

Teacher Problem
 $9 - 9, 18, 27, 36, 45$
 $5 - 5, 10, 15, 20$

How to Solve

1. Find common multiples of the denominator.
2. Create equivalent for.
3. Subtract your whole fractions. (Borrow)
4. Subtract your equivalent fractions. (Borrow)
5. Reduce to the simplest form.

Buddy Problem #2
 $9 - 9$
 $5 - 5, 6, 9$

Independent Problem #2
 $10 - 10, 20, 30, 40$
 $8 - 8, 16, 24, 32, 40$

LEAST COMMON MULTIPLE (LCM)

Teacher Problem
 $\frac{3}{4}$ $\frac{2}{3}$

How to Solve

1. List the _____ of both denominators.
2. Circle the _____ that both numbers have in common. This number is the _____ (LCM).

Buddy Problem #1
 $\frac{4}{5}$ $\frac{1}{3}$

Buddy Problem #2
 $\frac{12}{21}$ $\frac{1}{7}$

Independent Problem #1
 $\frac{3}{4}$ $\frac{3}{7}$

Independent Problem #2
 $\frac{4}{6}$ $\frac{2}{4}$

Grade 5 Math Comments

Sandy McConnell, Carol Turkington

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