

ADD & SUBTRACT FRACTIONS

- Need: like denominators
↳ might need to rewrite fractions
- Add: numerators, Keep: denominator the same
- Always: Simplify

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Examples:

$$1. \frac{2}{3} - \frac{1}{3} = \frac{1}{3}$$

$$2. \frac{5}{12} + \frac{4}{12} = \frac{9}{12} = \frac{3}{4}$$

$$3. \frac{2}{5} + \frac{1}{3} = \frac{6}{15} + \frac{5}{15} = \frac{11}{15}$$

(Note: Diagram shows cross-multiplication: 2x3=6, 1x5=5, then 6+5=11 over 15)

$$4. \frac{2}{3} + \frac{1}{2} = \frac{4}{6} + \frac{3}{6} = \frac{7}{6} = 1\frac{1}{6}$$

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$$5. \frac{3}{4} - \frac{2}{3}$$

CALCULATOR

$$\frac{1}{12}$$

$$6. \frac{9}{10} + \frac{5}{10}$$

$$\frac{14}{10} = 1\frac{4}{10} = 1\frac{2}{5}$$

* HAND

$$7. \frac{13}{15} - \frac{2}{5}$$

CALCULATOR

$$\frac{7}{15}$$

$$8. \frac{5}{8} - \frac{1}{2}$$

$$\frac{5}{8} - \frac{4}{8} = \frac{1}{8}$$

* HAND

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Homework

Worksheet - Add & Subtract Fractions

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