

Key

NAME _____

Adding and Subtracting Fractions Review

Examples:

1. $\frac{2}{12} + \frac{4}{6}$	2. $\frac{1}{2} - \frac{1}{3}$	3. $\frac{4}{5} + \frac{1}{10}$	4. $\frac{9}{10} - \frac{2}{5}$
$\frac{1}{6} + \frac{4}{6}$	$\frac{3}{6} - \frac{2}{6}$	$\frac{8}{10} + \frac{1}{10}$	$\frac{9}{10} - \frac{4}{10}$
$\frac{5}{6}$	$\frac{1}{6}$	$\frac{9}{10}$	$\frac{5}{10} = \frac{1}{2}$

Now you try...

5. $\frac{2}{4} + \frac{1}{2}$	6. $\frac{3}{5} - \frac{1}{2}$	7. $\frac{3}{8} + \frac{1}{4}$	8. $\frac{5}{9} - \frac{1}{3}$
$\frac{1}{2} + \frac{1}{2}$	$\frac{6}{10} - \frac{5}{10}$	$\frac{3}{8} + \frac{2}{8}$	$\frac{5}{9} - \frac{3}{9}$
$\frac{2}{2} = 1$	$\frac{1}{10}$	$\frac{5}{8}$	$\frac{2}{9}$

How do we deal with mixed numbers????

9. $3\frac{1}{3} + 4\frac{1}{2}$	10. $3\frac{7}{12} - 1\frac{1}{6}$	11. $2\frac{2}{5} + 1\frac{3}{10}$	12. $6 - 2\frac{1}{3}$
$7 + \frac{1}{3} + \frac{1}{2}$	$3 - 1 + \frac{7}{12} - \frac{2}{12}$	$2 + 1 + \frac{2}{5} + \frac{3}{10}$	$6 - 2 + \frac{-1}{3}$
$7 + \frac{2}{6} + \frac{3}{6}$	$2 + \frac{5}{12}$	$3 + \frac{4}{10} + \frac{3}{10}$	$4 + \frac{-1}{3}$
$7\frac{5}{6}$	$2\frac{5}{12}$	$3\frac{7}{10}$	$3\frac{2}{3} = \frac{11}{3}$

Now you try:

13. $3\frac{3}{4} + 1\frac{1}{8}$	14. $3\frac{2}{5} - 2\frac{1}{10}$	15. $6\frac{1}{4} + 3\frac{2}{3}$	16. $5 - 4\frac{5}{5}$
$3 + 1 + \frac{6}{8} + \frac{1}{8}$	$3 - 2 + \frac{4}{10} + \frac{-1}{10}$	$6 + 3 + \frac{3}{12} + \frac{8}{12}$	$5 - 4 + \frac{-5}{5}$
$4 + \frac{7}{8}$	$1 + \frac{3}{10}$	$9 + \frac{11}{12}$	$1 + -1$
$4\frac{7}{8}$	$1\frac{3}{10}$	$9\frac{11}{12}$	0

17. Lisa read for an $\frac{1}{2}$ hour yesterday, and for $\frac{1}{3}$ of an hour today. How long did Lisa read all together?

$$\frac{1}{2} + \frac{1}{3}$$

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6} \text{ an hr}$$

18. In my garden, I planted $\frac{2}{3}$ row of seeds. The crow came along and ate $\frac{1}{5}$ rows of seeds. What is left of my rows of seeds?

$$\frac{2}{3} - \frac{1}{5}$$

$$\frac{10}{15} - \frac{3}{15}$$

→ $\frac{7}{15}$ of a row of seed is left

19. I need to drink $8\frac{2}{4}$ cups of water and $2\frac{1}{5}$ cups of milk every day. How much fluid do I have to drink?

$$8\frac{1}{2} + 2\frac{1}{5}$$

$$8 + 2 + \frac{5}{10} + \frac{2}{10}$$

$$10 + \frac{7}{10}$$

→ $10\frac{7}{10}$ of fluids day

20. During the pie eating contest my dad ate $5\frac{3}{4}$ pies and my mom $2\frac{1}{4}$ ate pies. How many pies did they eat together?

$$5\frac{3}{4} + 2\frac{1}{4}$$

$$5 + 2 + \frac{3}{4} + \frac{1}{4}$$

$$7 + 1$$

They ate 8 pies altogether

21. I bought $2\frac{1}{2}$ gallons of paint but I only used $1\frac{1}{4}$ gallons of paint. How many do I have left?

$$2\frac{1}{2} - 1\frac{1}{4}$$

$$2 - 1 + \frac{1}{2} - \frac{1}{4}$$

$$1 + \frac{2}{4} - \frac{1}{4}$$

→ $1 + \frac{1}{4} = 1\frac{1}{4}$ gallons of paint left.