Adding & subtracting fractions

Name _____ Date _____

Find a common denominator, then add. Simplify the answer.

Common Core 5.NF.A.1

Example $\frac{2}{5} + \frac{1}{3} = ?$

1. Common denominator 15: $\frac{2}{5} = \frac{6}{15}$ and $\frac{1}{3} = \frac{5}{15}$.
2. Add: $\frac{6}{15} + \frac{5}{15} = \frac{11}{15}$.

Answer: $\frac{11}{15}$

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

Find a common denominator, then subtract. Simplify the answer.

Example $\frac{3}{4} - \frac{2}{5} = ?$

1. Common denominator 20: $\frac{3}{4} = \frac{15}{20}$ and $\frac{2}{5} = \frac{8}{20}$.
2. Subtract: $\frac{15}{20} - \frac{8}{20} = \frac{7}{20}$.

Answer: $\frac{7}{20}$

7. $\frac{5}{6} - \frac{7}{12} =$ ☐
8. $\frac{3}{4} - \frac{1}{12} =$ ☐
9. $\frac{2}{3} - \frac{7}{12} =$ ☐
10. $\frac{7}{8} - \frac{5}{12} =$ ☐
11. $\frac{8}{9} - \frac{7}{12} =$ ☐
12. $\frac{3}{4} - \frac{1}{10} =$ ☐

Free to share with other families. Not for resale.

Mixed numbers

Name _____ Date _____

Add. Write the answer as a mixed number.

Common Core 5.NF.A.1

Example $2\frac{1}{3} + 1\frac{1}{4} = ?$

1. Add the whole numbers: $2 + 1 = 3$.
2. Add the fractions: $\frac{4}{12} + \frac{3}{12} = \frac{7}{12}$.

Answer: $3\frac{7}{12}$

1. $1\frac{1}{10} + 2\frac{1}{2} =$ ____
2. $3\frac{1}{6} + 3\frac{1}{5} =$ ____
3. $8\frac{1}{8} + 5\frac{7}{12} =$ ____
4. $7\frac{3}{5} + 2\frac{3}{4} =$ ____
5. $7\frac{1}{3} + 6\frac{7}{8} =$ ____
6. $5\frac{5}{6} + 4\frac{11}{12} =$ ____

Subtract. Rename a whole when you need to.

Example $4 - 1\frac{2}{5} = ?$

1. Rename one whole as fifths: $4 = 3\frac{5}{5}$.
2. Subtract: $3\frac{5}{5} - 1\frac{2}{5} = 2\frac{3}{5}$.

Answer: $2\frac{3}{5}$

7. $6\frac{1}{3} - 1\frac{1}{6} =$ ____
8. $6\frac{9}{10} - 1\frac{5}{6} =$ ____
9. $8\frac{7}{10} - 5\frac{1}{2} =$ ____
10. $3 - 1\frac{3}{4} =$ ____
11. $9 - 3\frac{5}{8} =$ ____
12. $10 - 1\frac{2}{3} =$ ____

Free to share with other families. Not for resale.

Answers

Answers are in the same order as the boxes.

Page 1 · Adding & subtracting fractions

1. 3/10
2. 3/5
3. 7/9
4. 35/36
5. 13/18
6. 17/24
7. 1/4
8. 2/3
9. 1/12
10. 11/24
11. 11/36
12. 13/20

Page 2 · Mixed numbers

1. 3 3/5
2. 6 11/30
3. 13 17/24
4. 10 7/20
5. 14 5/24
6. 10 3/4
7. 5 1/6
8. 5 1/15
9. 3 1/5
10. 1 1/4
11. 5 3/8
12. 8 1/3

Want more? Try the full Steady Practice pack for this topic: one skill per sheet, easiest first.