Adding & subtracting fractions

Name _____ Date _____

Add the numerators. Keep the denominator.

Common Core 4.NF.B.3a

Example $\frac{3}{8} + \frac{4}{8}$

1. The denominators are the same, so add the numerators: 3 + 4 = 7.
2. Keep the denominator: eighths.

Answer: $\frac{7}{8}$

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

Add. Write answers greater than 1 as mixed numbers.

Example $\frac{5}{6} + \frac{4}{6}$

1. Add the numerators: 5 + 4 = 9, so the sum is 9 sixths.
2. 6 sixths make 1 whole, with 3 sixths left over (3/6 = 1/2 also correct).

Answer: $1\frac{3}{6}$

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

Free to share with other families. Not for resale.

Mixed numbers

Name _____ Date _____

Add the wholes, then add the fractions.

Common Core 4.NF.B.3b–c

Example $2\frac{1}{8} + 3\frac{4}{8}$

1. Add the wholes: 2 + 3 = 5.
2. Add the fractions: 1/8 + 4/8 = 5/8.

Answer: $5\frac{5}{8}$

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

Subtract the wholes, then subtract the fractions.

Example $7\frac{9}{10} - 4\frac{2}{10}$

1. Subtract the wholes: 7 − 4 = 3.
2. Subtract the fractions: 9/10 − 2/10 = 7/10.

Answer: $3\frac{7}{10}$

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

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Answers

Answers are in the same order as the boxes.

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1. 2/5
2. 5/6
3. 3/6 (= 1/2)
4. 2/6 (= 1/3)
5. 7/10
6. 6/8 (= 3/4)
7. 1 1/8
8. 1 1/6
9. 1 1/5
10. 1 3/6 (= 1 1/2)
11. 1 1/6
12. 1 1/8

Page 2 · Mixed numbers

1. 11 2/4 (= 11 1/2)
2. 7 2/3
3. 10 2/5
4. 12 9/12 (= 12 3/4)
5. 7 10/12 (= 7 5/6)
6. 6 5/12
7. 3 1/4
8. 5 1/12
9. 6 1/12
10. 3 1/4
11. 4 1/8
12. 6 2/8 (= 6 1/4)

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