Adding fractions: same denominator

Name: _____ Date: _____

Add the numerators. Keep the denominator, then simplify. Show your working.

1. $7/8 + 4/8 =$

2. $4/6 + 5/6 =$

3. $1/4 + 2/4 =$

4. $5/6 + 5/6 =$

5. $4/6 + 1/6 =$

6. $2/8 + 5/8 =$

7. $3/6 + 1/6 =$

8. $1/2 + 1/2 =$

9. $3/4 + 1/4 =$

10. $2/8 + 4/8 =$

11. $2/7 + 5/7 =$

12. $3/4 + 3/4 =$

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Answer key

1. 7/8 + 4/8 =

   (7 + 4)/8 = 11/8

   11/8

2. 4/6 + 5/6 =

   (4 + 5)/6 = 9/6
   (9 ÷ 3)/(6 ÷ 3) = 3/2

   3/2

3. 1/4 + 2/4 =

   (1 + 2)/4 = 3/4

   3/4

4. 5/6 + 5/6 =

   (5 + 5)/6 = 10/6
   (10 ÷ 2)/(6 ÷ 2) = 5/3

   5/3

5. 4/6 + 1/6 =

   (4 + 1)/6 = 5/6

   5/6

6. 2/8 + 5/8 =

   (2 + 5)/8 = 7/8

   7/8

7. 3/6 + 1/6 =

   (3 + 1)/6 = 4/6
   (4 ÷ 2)/(6 ÷ 2) = 2/3

   2/3

8. 1/2 + 1/2 =

   (1 + 1)/2 = 2/2
   (2 ÷ 2)/(2 ÷ 2) = 1

   1

9. 3/4 + 1/4 =

   (3 + 1)/4 = 4/4
   (4 ÷ 4)/(4 ÷ 4) = 1

   1

10. 2/8 + 4/8 =

    (2 + 4)/8 = 6/8
    (6 ÷ 2)/(8 ÷ 2) = 3/4

    3/4

11. 2/7 + 5/7 =

    (2 + 5)/7 = 7/7
    (7 ÷ 7)/(7 ÷ 7) = 1

    1

12. 3/4 + 3/4 =

    (3 + 3)/4 = 6/4
    (6 ÷ 2)/(4 ÷ 2) = 3/2

    3/2

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