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Name: _____ Date: _____

Add and Subtract Fractions with Unlike Denominators

Grade 5 · Ages 10-11 · Math · Fractions · ★☆

Add or subtract the fractions. Find a common denominator first. Write the answer in simplest form on the line; an answer bigger than 1 can be a mixed number, like 17/12 = 1 5/12.

1. 2/3 + 1/9 = _____

2. 1/2 + 11/12 = _____

3. 7/10 + 1/2 = _____

4. 1/3 + 8/9 = _____

5. 4/5 + 9/10 = _____

6. 3/4 + 1/2 = _____

7. 3/4 + 1/8 = _____

8. 1/3 + 5/6 = _____

9. 2/3 + 11/12 = _____

10. 1/4 + 1/2 = _____

11. 1/10 + 1/2 = _____

12. 5/6 − 1/2 = _____

13. 4/5 − 3/10 = _____

14. 7/12 − 1/2 = _____

15. 1/2 − 3/10 = _____

16. 5/6 − 1/12 = _____

17. 7/8 − 1/2 = _____

18. 5/6 − 5/12 = _____

19. 11/12 − 1/2 = _____

20. 3/4 − 1/12 = _____

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ANSWER KEY

Add and Subtract Fractions with Unlike Denominators

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1. 2/3 + 1/9 = **7/9**

2. 1/2 + 11/12 = **17/12 = 1 5/12**

3. 7/10 + 1/2 = **6/5 = 1 1/5**

4. 1/3 + 8/9 = **11/9 = 1 2/9**

5. 4/5 + 9/10 = **17/10 = 1 7/10**

6. 3/4 + 1/2 = **5/4 = 1 1/4**

7. 3/4 + 1/8 = **7/8**

8. 1/3 + 5/6 = **7/6 = 1 1/6**

9. 2/3 + 11/12 = **19/12 = 1 7/12**

10. 1/4 + 1/2 = **3/4**

11. 1/10 + 1/2 = **3/5**

12. 5/6 – 1/2 = **1/3**

13. 4/5 – 3/10 = **1/2**

14. 7/12 – 1/2 = **1/12**

15. 1/2 – 3/10 = **1/5**

16. 5/6 – 1/12 = **3/4**

17. 7/8 – 1/2 = **3/8**

18. 5/6 – 5/12 = **5/12**

19. 11/12 – 1/2 = **5/12**

20. 3/4 – 1/12 = **2/3**