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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. 5/6 + 1/8 = _____

2. 2/7 + 1/2 = _____

3. 1/2 + 1/3 = _____

4. 3/8 + 2/3 = _____

5. 5/6 + 3/8 = _____

6. 1/12 + 5/8 = _____

7. 1/3 + 1/4 = _____

8. 1/8 + 7/12 = _____

9. 7/10 + 1/4 = _____

10. 2/3 − 4/7 = _____

11. 2/3 − 1/2 = _____

12. 5/9 − 1/2 = _____

13. 1/2 − 1/9 = _____

14. 1/2 − 3/7 = _____

15. 3/8 − 1/3 = _____

16. 1/2 − 1/3 = _____

17. 3/4 − 2/3 = _____

18. 3/10 − 1/4 = _____

19. 3/4 − 3/10 = _____

20. 10/11 − 1/2 = _____

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ANSWER KEY

Add and Subtract Fractions with Unlike Denominators

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1. 5/6 + 1/8 = **23/24**

2. 2/7 + 1/2 = **11/14**

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

4. 3/8 + 2/3 = **25/24 = 1 1/24**

5. 5/6 + 3/8 = **29/24 = 1 5/24**

6. 1/12 + 5/8 = **17/24**

7. 1/3 + 1/4 = **7/12**

8. 1/8 + 7/12 = **17/24**

9. 7/10 + 1/4 = **19/20**

10. 2/3 – 4/7 = **2/21**

11. 2/3 – 1/2 = **1/6**

12. 5/9 – 1/2 = **1/18**

13. 1/2 – 1/9 = **7/18**

14. 1/2 – 3/7 = **1/14**

15. 3/8 – 1/3 = **1/24**

16. 1/2 – 1/3 = **1/6**

17. 3/4 – 2/3 = **1/12**

18. 3/10 – 1/4 = **1/20**

19. 3/4 – 3/10 = **9/20**

20. 10/11 – 1/2 = **9/22**