

10.

$$\frac{3}{4} - \frac{1}{2}$$

11.

$$\frac{7}{8} - \frac{1}{4}$$

12.

$$\frac{7}{10} - \frac{2}{5}$$

13.

$$\frac{5}{6} - \frac{1}{3}$$

14.

$$\frac{1}{3} - \frac{1}{9}$$

15.

$$\frac{1}{2} - \frac{1}{8}$$

16.

$$\frac{1}{2} - \frac{1}{6}$$

17.

$$\frac{1}{2} - \frac{1}{10}$$

18.

$$\frac{1}{3} - \frac{1}{12}$$

Subtraction of Fractions – Problem Tickets

4 sets of problems with increasing complexity, plus an answer key and recording sheet

Subtraction of Fractions Problem Tickets

These fraction problems are intended to be follow-up practice after a lesson. Each group of problems adds a new layer of complexity (see bulleted list below for how each problem set is differentiated). The green border represents the subtraction operation in Montessori math lessons and materials.

The following items are included in this material:

- **Subtraction of fractions problem tickets**
 - *Problems #1-9:* Subtracting simple fractions with the same denominator (can be used with Montessori metal fraction insets or fraction circles)
 - *Note that answers are not reduced for these problems on the answer key since it is assumed that reducing fractions hasn't yet been introduced.*
 - *Problems #10-18:* Subtracting fractions with different denominators: either the minuend or subtrahend needs to be changed
 - *Problems #19-27:* Subtracting fractions with different denominators: both the minuend and subtrahend need to be changed
 - *Problems #28-36:* Subtracting fractions with mixed numbers: both the minuend and subtrahend need to be changed

- **Answer Key**

- **Recording Sheet**

Instructions

Print, cut and laminate. Alternatively, the whole sheets can be laminated without being cut to be used as a set of problems, rather than as individual tickets. The answer key is designed to be left as one whole sheet.

After giving a lesson, chosen tickets are handed by the teacher to the student as his follow-up practice. The student completes the work on his own, records on the recording sheet or in a math journal, then checks his work using the answer key. Each problem ticket has a number on it that corresponds with the answer key.

Another way to use the tickets is to cut them up and have them in a basket for use as a math activity or center. The students can choose which tickets they complete based on the choices provided in the basket. After recording, the student can check his work with the answer key.

SAMPLE

1. $\frac{2}{2} - \frac{1}{2}$

2. $\frac{2}{3} - \frac{1}{3}$

4. $\frac{4}{5} - \frac{3}{5}$

5. $\frac{4}{6} - \frac{1}{6}$

7. $\frac{7}{8} - \frac{5}{8}$

8. $\frac{8}{9} - \frac{3}{9}$

10. $\frac{3}{4} - \frac{1}{2}$

11. $\frac{7}{8} - \frac{1}{4}$

12. $\frac{7}{10} - \frac{2}{5}$

13. $\frac{5}{6} - \frac{1}{3}$

14. $\frac{1}{3} - \frac{1}{9}$

15. $\frac{1}{2} - \frac{1}{8}$

16. $\frac{1}{2} - \frac{1}{10}$

17. $\frac{1}{2} - \frac{1}{10}$

18. $\frac{1}{2} - \frac{1}{10}$

$\frac{1}{3}$

29. $2\frac{2}{3} - 1\frac{1}{4}$

30. $3\frac{5}{6} - 1\frac{1}{2}$

32. $4\frac{3}{5} - 1\frac{1}{4}$

33. $3\frac{3}{5} - 1\frac{1}{2}$

35. $3\frac{1}{3} - 2\frac{1}{5}$

36. $2\frac{5}{6} - 1\frac{1}{9}$

Answer Key

1. $\frac{2}{2} - \frac{1}{2} = \frac{1}{2}$	2. $\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$	3. $\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$	4. $\frac{4}{5} - \frac{3}{5} = \frac{1}{5}$	5. $\frac{4}{6} - \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$	6. $\frac{8}{9} - \frac{3}{9} = \frac{5}{9}$	7. $\frac{7}{8} - \frac{5}{8} = \frac{2}{8} = \frac{1}{4}$	8. $\frac{8}{9} - \frac{3}{9} = \frac{5}{9}$	9. $\frac{9}{10} - \frac{4}{10} = \frac{5}{10} = \frac{1}{2}$	10. $\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$	11. $\frac{7}{8} - \frac{1}{4} = \frac{5}{8}$	12. $\frac{7}{10} - \frac{2}{5} = \frac{3}{10}$
13. $\frac{5}{6} - \frac{1}{3} = \frac{3}{6} = \frac{1}{2}$	14. $\frac{1}{3} - \frac{1}{9} = \frac{2}{9}$	15. $\frac{1}{2} - \frac{1}{8} = \frac{3}{8}$	16. $\frac{1}{2} - \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$	17. $\frac{1}{2} - \frac{1}{10} = \frac{4}{10} = \frac{2}{5}$	18. $\frac{1}{3} - \frac{1}{12} = \frac{3}{12} = \frac{1}{4}$	19. $\frac{5}{6} - \frac{1}{3} = \frac{3}{6} = \frac{1}{2}$	20. $\frac{1}{3} - \frac{1}{9} = \frac{2}{9}$	21. $\frac{1}{2} - \frac{1}{8} = \frac{3}{8}$	22. $\frac{1}{2} - \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$	23. $\frac{1}{2} - \frac{1}{10} = \frac{4}{10} = \frac{2}{5}$	24. $\frac{1}{2} - \frac{2}{7} = \frac{3}{14}$
25. $\frac{1}{2} - \frac{1}{3} = \frac{1}{6}$	26. $\frac{2}{3} - \frac{1}{4} = \frac{5}{12}$	27. $\frac{1}{2} - \frac{2}{9} = \frac{5}{18}$	28. $\frac{1}{2} - \frac{2}{5} = \frac{1}{10}$	29. $\frac{3}{4} - \frac{2}{5} = \frac{7}{20}$	30. $\frac{1}{2} - \frac{2}{7} = \frac{3}{14}$	31. $\frac{4}{5} - \frac{1}{6} = \frac{19}{30}$	32. $\frac{3}{4} - \frac{1}{6} = \frac{7}{12}$	33. $\frac{2}{3} - \frac{3}{5} = \frac{1}{15}$	34. $1\frac{1}{2} - 1\frac{1}{3} = \frac{1}{6}$	35. $2\frac{2}{3} - 1\frac{1}{4} = 1\frac{5}{12}$	36. $3\frac{5}{6} - 1\frac{2}{6} = 2\frac{1}{3}$
37. $3\frac{1}{2} - 1\frac{4}{9} = 2\frac{1}{18}$	38. $4\frac{3}{5} - 1\frac{1}{4} = 3\frac{7}{20}$	39. $3\frac{3}{5} - 1\frac{1}{2} = 2\frac{1}{10}$	40. $1\frac{5}{6} - 1\frac{1}{4} = \frac{7}{12}$	41. $3\frac{1}{3} - 2\frac{1}{5} = 1\frac{2}{15}$	42. $2\frac{5}{6} - 1\frac{1}{9} = 1\frac{17}{18}$						

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48



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If you have any questions, feel free to email info@virtuallymontessori.com.

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