Subtracting Fractions Practice Answer Key

Find the answer for each of the following. Simplify your answers if necessary.

1. $\dfrac{3}{4} - \dfrac{1}{4} = \mathbf{\dfrac{1}{2}}$

2. $\dfrac{13}{16} - \dfrac{5}{16} = \mathbf{\dfrac{1}{2}}$

3. $\dfrac{5}{8} - \dfrac{1}{8} = \mathbf{\dfrac{1}{2}}$

4. $\dfrac{7}{8} - \dfrac{5}{8} = \mathbf{\dfrac{1}{4}}$

5. $\dfrac{9}{16} - \dfrac{3}{16} = \mathbf{\dfrac{3}{8}}$

6. $5 - \dfrac{1}{4} = \mathbf{4\dfrac{3}{4}}$

7. $7 - \dfrac{15}{16} = \mathbf{6\dfrac{1}{16}}$

8. $6 - \dfrac{3}{8} = \mathbf{5\dfrac{5}{8}}$

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9. $3 - \dfrac{5}{8} =$ **$2\dfrac{3}{8}$**

10. $4 - \dfrac{3}{16} =$ **$3\dfrac{13}{16}$**

11. $8\dfrac{3}{16} - 3\dfrac{1}{16} =$ **$5\dfrac{1}{8}$**

12. $5\dfrac{5}{16} - 3\dfrac{7}{16} =$ **$1\dfrac{7}{8}$**

13. $4\dfrac{3}{4} - 3\dfrac{1}{4} =$ **$1\dfrac{1}{2}$**

14. $5\dfrac{1}{2} - 3\dfrac{1}{2} =$ **2**

15. $6\dfrac{1}{8} - 4\dfrac{5}{8} =$ **$1\dfrac{1}{2}$**

16. $4\dfrac{5}{8} - 3\dfrac{3}{4} =$ **$\dfrac{7}{8}$**

17. $7\dfrac{1}{2} - 2\dfrac{3}{4} =$ **$4\dfrac{3}{4}$**

18. $6\frac{1}{4} - 2\frac{1}{8} = \mathbf{4\frac{1}{8}}$

19. $13\frac{1}{8} - 4\frac{1}{2} = \mathbf{8\frac{5}{8}}$

20. $3\frac{5}{16} - 1\frac{1}{4} = \mathbf{2\frac{1}{16}}$

For each of the following, write out the fractions and find the answer. Simplify your answer if necessary.

21. You need a piece of 2x4 lumber that is $9\frac{5}{8}$ inches long. If you start with a piece that is $20\frac{1}{2}$ inches long, how much will you need to cut off? $\mathbf{10\frac{7}{8}}$ **"**

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22. You saw $\frac{1}{8}$ inch off a board that is $4\frac{1}{2}$ inches wide. How wide is the board after you finish sawing it? **$4\frac{3}{8}$"**

23. The top of a kitchen countertop must be exactly 36 inches from the floor. The cabinets under the countertop are $34\frac{1}{2}$ inches tall. How thick will the countertop need to be? **$1\frac{1}{2}$"**