Fraction operations in several steps · Answer key

1. $(-\frac{2}{3})^2 - \frac{1}{2} = -\frac{1}{18}$

2. $(\frac{52}{27} - 5) \times (\frac{1}{2} \div \frac{19}{27}) = -2\frac{7}{38}$

3. $\frac{1}{20} \div (\frac{1}{4} - \frac{1}{2}) = -\frac{1}{5}$

4. $\frac{1}{2} \times (-\frac{4}{7}) + \frac{1}{3} = \frac{1}{21}$

5. $(\frac{1}{3} + \frac{25}{21}) \div \frac{6}{7} = 1\frac{7}{9}$

6. $((-3) + \frac{1}{2}) \times (-\frac{6}{11}) = 1\frac{4}{11}$

7. $\frac{3}{2} \times (\frac{1}{2} - (-5)) = 8\frac{1}{4}$

8. $(\frac{9}{10})^2 - \frac{2}{5} = \frac{41}{100}$

9. $\frac{2}{3} + \frac{1}{5} \div (-4) = \frac{37}{60}$

10. $((-\frac{1}{3}) + \frac{2}{3}) \div (\frac{1}{4} - \frac{1}{6}) = 4$

11. $(-5) - \frac{25}{27} \div 2 = -5\frac{25}{54}$

12. $((-\frac{5}{12}) - \frac{8}{9}) + \frac{2}{9} = -1\frac{1}{12}$

13. $(\frac{2}{3})^2 \div \frac{28}{15} = \frac{5}{21}$

14. $\frac{1}{4} \div (\frac{7}{8} \div \frac{5}{11}) = \frac{10}{77}$

15. $(\frac{21}{22} - \frac{1}{2}) - (\frac{3}{4} - 3) = 2\frac{31}{44}$

16. $\frac{1}{12} + (\frac{1}{9} - 5) = -4\frac{29}{36}$