Fraction operations in several steps · Answer key

1. $(\frac{2}{3} + \frac{1}{2}) + \frac{1}{3} = 1\frac{1}{2}$

2. $\frac{8}{15} \times (\frac{1}{5} - 2) = -\frac{24}{25}$

3. $(-2)^2 \times \frac{3}{2} = 6$

4. $\frac{1}{4} \div (-2) - \frac{1}{3} = -\frac{11}{24}$

5. $(\frac{2}{5} \div \frac{8}{9}) \div (6 \times \frac{1}{9}) = \frac{27}{40}$

6. $(\frac{1}{2})^2 - \frac{1}{3} = -\frac{1}{12}$

7. $(\frac{7}{8} - (-\frac{1}{2})) \div (\frac{7}{4} - \frac{17}{16}) = 2$

8. $\frac{23}{30} + (\frac{2}{9} \div (-\frac{7}{12})) = \frac{27}{70}$

9. $\frac{2}{3} \times \frac{1}{5} + 3 = 3\frac{2}{15}$

10. $(\frac{4}{5} \div \frac{1}{5}) \times \frac{3}{4} = 3$

11. $(\frac{1}{5} \div \frac{7}{15}) + (\frac{1}{6} + \frac{37}{30}) = 1\frac{29}{35}$

12. $3 \times \frac{4}{5} - 6 = -3\frac{3}{5}$