Evaluate the following, simplifying each answer completely. Write each answer as a single fraction. You will benefit from this exercise most if you do NOT use your calculator.

1. $\frac{24}{9}$

2. $\frac{3}{5}+\frac{7}{2}$

3. $\frac{2}{3}-\frac{5}{8}$

4. $\frac{1}{6}+\frac{13}{8}$

5. $\frac{7}{6}\left(\frac{4}{5}\right)$

6. $3\left(\frac{4}{6}\right)$

7. $2\left(\frac{3}{7}\right)$

8. $\frac{3}{5}\div\frac{2}{7}$

9. $\left(\frac{2}{5}+\frac{1}{2}\right)\div\frac{3}{8}$

10. $\frac{9}{5}\div\left(\frac{2}{7}-\frac{3}{5}\right)$

11. $\left(\frac{\frac{1}{6}+\frac{2}{3}}{\frac{7}{2}-\frac{5}{6}}\right)\div\left(\frac{\frac{5}{2}-\frac{4}{9}}{\frac{2}{7}+\frac{1}{3}}\right)$

12. $\frac{\frac{2}{1-\frac{3}{7}}+\frac{1}{3}}{\frac{2}{7}-\frac{1}{1-\frac{3}{8}}}$

13. $\frac{2}{1-\frac{3}{5}}\left[\frac{\left(\frac{\frac{2}{3}-\frac{1}{9}}{\frac{2}{3}+\frac{1}{9}}\right)}{\left(\frac{1+\frac{1}{6}}{1-\frac{1}{6}}\right)}\right]$

14. $\frac{\frac{3}{4}-\frac{5}{3}}{\frac{1}{6}+\frac{1}{4}}$

15. $3+\frac{5}{6}$

16. $\frac{\frac{1}{2}+\frac{1}{3}}{\frac{1}{4}+\frac{1}{5}}$

17. $\frac{\frac{1}{3}-\frac{1}{4}}{\frac{1}{2}+\frac{1}{5}}$

18. $\frac{\frac{3}{4}\left(\frac{2}{3}-\frac{1}{5}\right)}{\frac{1}{3}\left(\frac{1}{2}+\frac{1}{7}\right)}$

19. $3\left(\frac{1}{5}-\frac{1}{2}+\frac{2}{3}\right)\div\frac{5}{8}$

20. $\frac{1}{5}\left(\frac{1}{2}+\frac{1}{3}-\frac{2}{5}\right)-2$

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

22. $1-\frac{1}{1-\frac{1}{1-\frac{2}{5}}}$

23. $\frac{1}{12}\left\{\frac{1}{2}\left[\frac{1}{3}\left(\frac{1}{2}(144)\right)\right]\right\}$

24. $\frac{2-\frac{7}{16}}{3+\frac{2}{9}}+\frac{1-\frac{1}{8}}{6+\frac{5}{3}}$

25. $\frac{\left(\frac{1}{\frac{1}{3}-\frac{1}{5}}\right)}{\frac{1}{3}+\frac{1}{5}}$

26. $\frac{\frac{\left(\frac{2}{5}\right)}{\left(\frac{3}{2}\right)}+\frac{4}{7}}{\frac{3}{\left(\frac{4}{7}\right)}}$