

$$\begin{aligned}
 & \text{一、} \left[ 10 \frac{1}{20} + (3 - 0.85) \div \frac{5}{6} \right] \div 126.3 \\
 &= \left[ 10.05 + (3 - 0.85) \times \frac{6}{5} \right] \div 126.3 \\
 &= [10.05 + 3.6 - 1.02] \div 126.3 \\
 &= 12.63 \div 126.3 \\
 &= 0.1
 \end{aligned}$$

$$\begin{aligned}
 & \text{二、} \frac{1 + 0.25}{2 \times \frac{3}{4} - 0.75} + \frac{3 \times 0.5}{1 \frac{1}{2} + 3} \\
 &= \frac{1.25}{0.75} + \frac{1.5}{4.5} \\
 &= \frac{5}{3} + \frac{1}{3} \\
 &= 2
 \end{aligned}$$

$$\begin{aligned}
 & \text{三、} \left[ 20.75 + (3.74 - 2 \frac{1}{2}) \div 9 \frac{23}{25} \right] \div 41.75 \\
 &= \left( 20.75 + 1.24 \times \frac{25}{248} \right) \div 41.75 \\
 &= (20.75 + 0.125) \div 41.75 \\
 &= 20.875 \div 41.75 \\
 &= 0.5
 \end{aligned}$$

$$\begin{aligned}
 & \text{四、} \frac{6 \times 4014 + 9 \times 4016 + \frac{1}{2}}{3 \times 4014 + 3 \times 6024 + \frac{1}{4}} \\
 &= \frac{6 \times 4014 + 6 \times 4016 + 3 \times 4016 + \frac{1}{2}}{3 \times 4014 + 3 \times 6024 + \frac{1}{4}} \\
 &= \frac{6 \times 4014 + 6 \times 4016 + 6 \times 2008 + \frac{1}{2}}{3 \times 4014 + 3 \times 6024 + \frac{1}{4}} \\
 &= \frac{6 \times 4014 + 6 \times (4016 + 2008) + \frac{1}{2}}{3 \times 4014 + 3 \times 6024 + \frac{1}{4}} \\
 &= 2
 \end{aligned}$$

$$\begin{aligned}
 & \text{五、} 1\frac{1}{2} + 3\frac{3}{4} + 5\frac{5}{6} + 7\frac{7}{8} \\
 &= (1+3+5+7) + \left(\frac{12}{24} + \frac{18}{24} + \frac{20}{24} + \frac{21}{24}\right) \\
 &= 16 + \frac{71}{24} = 18\frac{23}{24}
 \end{aligned}$$

$$\begin{aligned}
 & \text{六、} \left[ \left( 0.8 + \frac{1}{5} \right) \times 24 + 6.6 \right] \div \frac{9}{14} - 7.6 \\
 &= \left[ \left( \frac{4}{5} + \frac{1}{5} \right) \times 24 + 6.6 \right] \times \frac{14}{9} - 7.6 \\
 &= (24 + 6.6) \times \frac{14}{9} - 7.6 \\
 &= 47.6 - 7.6 \\
 &= 40
 \end{aligned}$$

$$\begin{aligned}
 & \text{七、} \frac{3.875 \times \frac{1}{5} + 38\frac{3}{4} \times 0.09 - 0.155 \div 0.4}{2\frac{1}{6} + \left[ \left( 4.32 - 1.68 - 1\frac{8}{25} \right) \times \frac{5}{11} - \frac{2}{7} \right] \div 1\frac{9}{35} + 1\frac{11}{24}} \\
 &= \frac{\frac{31}{8} \times \frac{1}{5} + \frac{31}{4} \times \frac{9}{20} - \frac{31}{80}}{\frac{13}{6} + \left( \frac{3}{5} - \frac{2}{7} \right) \times \frac{35}{44} + \frac{35}{24}} \\
 &= \frac{\frac{31}{40} + \frac{31 \times 8}{80}}{\frac{13}{6} + \frac{1}{4} + \frac{35}{24}} \\
 &= \frac{\frac{31}{8}}{\frac{31}{8}} = 1
 \end{aligned}$$