

$$\textcircled{1} \frac{\left(4\frac{5}{12} - 3\frac{7}{18}\right) : 9,25 + \frac{5}{6}}{\left(0,4 + \frac{1}{8} + 0,75\right) \cdot \frac{2}{3}} = 1\frac{1}{9}$$

$$1) 4\frac{5}{12} - 3\frac{7}{18} = 1\frac{15-14}{36} = 1\frac{1}{36}$$

$$2) 1\frac{1}{36} : 9,25 = \frac{37}{36} : 9\frac{25}{4} = \frac{37}{36} \cdot \frac{4}{25} = \frac{1}{9}$$

$$3) \frac{1^2}{9} + \frac{5^3}{6} = \frac{2+15}{18} = \frac{17}{18}$$

$$4) \frac{42^8}{105} + \frac{1^{15}}{8} + \frac{75^{10}}{1004} = \frac{16+5+30}{40} = \frac{51}{40}$$

$$5) \frac{5^{17}}{4020} \cdot \frac{1}{3} = \frac{17}{20}$$

$$6) \frac{17}{18} : \frac{17}{20} = \frac{17}{18} \cdot \frac{20^{10}}{17} = \frac{10}{9} = 1\frac{1}{9}$$

$$\textcircled{2} \frac{3\frac{7}{15} \cdot 0,25 + \frac{5}{6} - 1\frac{2}{5}}{5,4 : \left(\frac{3}{20} + 0,75\right)} = \frac{1}{26}$$

$$1) 3\frac{7}{15} \cdot 0,25 = \frac{52}{15} \cdot \frac{25}{100} = \frac{52}{60} = \frac{13}{15}$$

$$2) \frac{13^2}{15} + \frac{5}{6} - 1\frac{2}{5} = \frac{26+25-42}{30} = \frac{9}{30} = \frac{3}{10}$$

$$3) \frac{3}{20} + 0,75 = \frac{3}{20} + \frac{75}{100} = \frac{3}{4}$$

$$4) 5\frac{4}{10} : \frac{3}{4} = \frac{54}{10} \cdot \frac{4}{3} = \frac{36}{5}$$

$$5) \frac{3}{10} : \frac{36}{5} = \frac{3}{10} \cdot \frac{5}{36} = \frac{1}{26}$$