

$$\textcircled{3} \left[ \frac{\left( 3\frac{2}{5} + 1\frac{5}{7} \right) \cdot 11\frac{2}{3}}{1\frac{2}{9} - 1\frac{1}{18}} - \frac{\left( 10\frac{3}{4} - 1\frac{5}{6} \right) \cdot 6}{\left( 5\frac{3}{20} - 4\frac{1}{4} \right) \cdot 1\frac{1}{9}} \right] : 42\frac{1}{2} = 11\frac{54}{83}$$

$$\textcircled{1} 3\frac{2}{5} + 1\frac{5}{7} = \frac{17}{5} + \frac{12}{7} = \frac{119+60}{35} = \frac{179}{35}$$

$$\textcircled{2} \frac{179}{35} \cdot 11\frac{2}{3} = \frac{179}{35} \cdot \frac{35}{3} = \frac{179}{3}$$

$$\textcircled{3} \left( 10\frac{3}{4} - 1\frac{5}{6} \right) = \frac{43}{4} - \frac{11}{6} = \frac{129-22}{12} = \frac{107}{12}$$

$$\textcircled{4} \frac{107}{12} \cdot 6 = \frac{107}{2}$$

$$\textcircled{5} 1\frac{2}{9} - 1\frac{1}{18} = \frac{11}{9} - \frac{19}{18} = \frac{22-19}{18} = \frac{3}{18} = \frac{1}{6}$$

$$\textcircled{6} 5\frac{3}{20} - 4\frac{1}{4} = \frac{103}{20} - \frac{17}{4} = \frac{103-85}{20} = \frac{18}{20} = \frac{9}{10}$$

$$\textcircled{7} 1\frac{1}{9} \cdot \frac{9}{10} = \frac{10}{9} \cdot \frac{9}{10} = 1$$

$$\textcircled{8} \frac{179}{3} : \frac{1}{6} = \frac{179}{3} \cdot \frac{6}{1} = 537$$

$$\textcircled{9} \frac{107}{2} : 1 = \frac{107}{2}$$

$$\textcircled{10} 537 - \frac{107}{2} = 483,50$$

$$\textcircled{11} 483,5 : 42\frac{1}{2} = 483\frac{1}{2} : 42\frac{1}{2} = \frac{967}{2} : \frac{83}{2} = \frac{967}{2} \cdot \frac{2}{83} = \frac{967}{83} = 11\frac{54}{83}$$

$$33) \quad 3\frac{1}{4} - \left[ \frac{6 \cdot \frac{3}{5} - 1\frac{1}{6} \cdot \frac{6}{7}}{4\frac{1}{5} \cdot \frac{10}{11} + 5\frac{2}{11}} - \frac{\left(\frac{3}{20} + \frac{1}{2} - \frac{1}{15}\right) \cdot \frac{12}{49}}{3\frac{1}{3} + \frac{2}{9}} \right] \cdot 2\frac{1}{3} =$$

$$1) \quad 6 \cdot \frac{3}{5} = \frac{18}{5} = 3\frac{3}{5}$$

$$2) \quad 1\frac{1}{6} \cdot \frac{6}{7} = \frac{7}{6} \cdot \frac{6}{7} = 1$$

$$3) \quad 10 - 1 = 9$$

$$4) \quad 4\frac{1}{5} \cdot \frac{10}{11} = \frac{21}{5} \cdot \frac{10}{11} = \frac{42}{11}$$

$$5) \quad \frac{42}{11} + 5\frac{2}{11} = \frac{42}{11} + \frac{57}{11} = \frac{99}{11} = 9$$

$$6) \quad 9 : 9 = 1$$

$$7) \quad \frac{3}{20} + \frac{1}{2} = \frac{3+10}{20} = \frac{13}{20}$$

$$8) \quad \frac{13}{20} - \frac{1}{15} = \frac{39-4}{60} = \frac{35}{60} = \frac{7}{12}$$

$$9) \quad \frac{7}{12} \cdot \frac{12}{7} = 1$$

$$10) \quad 3\frac{1}{3} + \frac{2}{9} = \frac{10}{3} + \frac{2}{9} = \frac{30+2}{9} = \frac{32}{9}$$

$$11) \quad \frac{1}{7} \cdot \frac{32}{9} = \frac{1}{7} \cdot \frac{32}{9} = \frac{32}{63}$$

$$12) \quad 1 - \frac{32}{63} = \frac{31}{63}$$

$$13) \quad \frac{31}{63} \cdot 2\frac{1}{3} = \frac{31}{63} \cdot \frac{7}{3} = \frac{31}{27}$$

$$14) \quad 3\frac{1}{4} - \frac{31}{27} = 3\frac{1}{4} - \frac{31}{27} = \frac{13}{4} - \frac{31}{27} = \frac{351-124}{108} = \frac{227}{108}$$