

$$224) \quad a) \quad \frac{2}{9} + \frac{4}{9} = \frac{6^13}{9} = \frac{2}{3} \quad \text{⊗ ⊗}$$

$$b) \quad \frac{7}{8} + \frac{5}{8} = \frac{12^14}{8} = \frac{3}{2} = 1\frac{1}{2}$$

$$c) \quad \frac{4}{5} - \frac{2}{5} = \frac{2}{5}$$

$$d) \quad \frac{5}{8} - \frac{1}{8} = \frac{4^14}{8} = \frac{1}{2}$$

$$225) \quad a) \quad \frac{3}{8} + \frac{4^1}{2} = \frac{3}{8} + \frac{4}{8} = \frac{7}{8}$$

$$\frac{2^13}{8} + \frac{4^1}{2} = \frac{6}{16} + \frac{8}{16} = \frac{14^12}{16} = \frac{7}{8}$$

$$b) \quad \frac{4^12}{5} + \frac{5^13}{4} = \frac{8}{20} + \frac{15}{20} = \frac{23}{20} = 1\frac{3}{20}$$

$$c) \quad \frac{2^13}{5} - \frac{1}{10} = \frac{6}{10} - \frac{1}{10} = \frac{5^15}{10} = \frac{1}{2}$$

$$d) \quad \frac{3^14}{5} - \frac{5^1}{3} = \frac{12}{15} - \frac{5}{15} = \frac{7}{15}$$

$$226) \quad a) \quad 3\frac{1}{12} + \frac{1}{6} = \frac{37}{12} + \frac{2^1}{6} = \frac{37}{12} + \frac{2}{12} = \frac{39^13}{12} = \frac{13}{4} = 3\frac{1}{4}$$

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$$b) \quad 2\frac{1}{3} + \frac{1}{4} = \frac{4^17}{3} + \frac{3^1}{4} = \frac{28}{12} + \frac{3}{12} = \frac{31}{12} = 2\frac{7}{12}$$

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$$c) 2\frac{5}{8} - 1\frac{1}{3} = \overset{3/21}{\frac{21}{8}} - \overset{8/4}{\frac{4}{3}} = \frac{63}{24} - \frac{32}{24} = \frac{31}{24} = 1\frac{7}{24}$$

$$d) 4\frac{2}{7} - 3\frac{2}{3} = \overset{3/30}{\frac{30}{7}} - \overset{7/11}{\frac{11}{3}} = \frac{90}{21} - \frac{77}{21} = \frac{13}{21}$$