EX 1 Calculer.

5N20

1. $\dfrac{5}{3} + \dfrac{13}{27} =$

2. $\dfrac{67}{64} - \dfrac{2}{8} =$

3. $\dfrac{4}{3} - \dfrac{31}{33} =$

4. $\dfrac{7}{48} + \dfrac{2}{6} =$

5. $\dfrac{13}{42} + \dfrac{9}{6} =$

6. $\dfrac{7}{4} - \dfrac{1}{20} =$

7. $\dfrac{8}{4} + \dfrac{6}{36} =$

8. $\dfrac{66}{45} - \dfrac{4}{5} =$

9. $\dfrac{19}{44} + \dfrac{9}{4} =$

10. $\dfrac{4}{5} - \dfrac{7}{10} =$

11. $\dfrac{2}{4} + \dfrac{7}{44} =$

12. $\dfrac{1}{2} - \dfrac{2}{14} =$

Corrections

EX 1

1. $\dfrac{5}{3} + \dfrac{13}{27} = \dfrac{5\times 9}{3\times 9} + \dfrac{13}{27} = \dfrac{45}{27} + \dfrac{13}{27} = \dfrac{45+13}{27} = \dfrac{58}{27}$

2. $\dfrac{67}{64} - \dfrac{2}{8} = \dfrac{67}{64} - \dfrac{2\times 8}{8\times 8} = \dfrac{67}{64} - \dfrac{16}{64} = \dfrac{67-16}{64} = \dfrac{51}{64}$

3. $\dfrac{4}{3} - \dfrac{31}{33} = \dfrac{4\times 11}{3\times 11} - \dfrac{31}{33} = \dfrac{44}{33} - \dfrac{31}{33} = \dfrac{44-31}{33} = \dfrac{13}{33}$

4. $\dfrac{7}{48} + \dfrac{2}{6} = \dfrac{7}{48} + \dfrac{2\times 8}{6\times 8} = \dfrac{7}{48} + \dfrac{16}{48} = \dfrac{7+16}{48} = \dfrac{23}{48}$

5. $\dfrac{13}{42} + \dfrac{9}{6} = \dfrac{13}{42} + \dfrac{9\times 7}{6\times 7} = \dfrac{13}{42} + \dfrac{63}{42} = \dfrac{13+63}{42} = \dfrac{76}{42}$

6. $\dfrac{7}{4} - \dfrac{1}{20} = \dfrac{7\times 5}{4\times 5} - \dfrac{1}{20} = \dfrac{35}{20} - \dfrac{1}{20} = \dfrac{35-1}{20} = \dfrac{34}{20}$

7. $\dfrac{8}{4} + \dfrac{6}{36} = \dfrac{8\times 9}{4\times 9} + \dfrac{6}{36} = \dfrac{72}{36} + \dfrac{6}{36} = \dfrac{72+6}{36} = \dfrac{78}{36}$

8. $\dfrac{66}{45} - \dfrac{4}{5} = \dfrac{66}{45} - \dfrac{4\times 9}{5\times 9} = \dfrac{66}{45} - \dfrac{36}{45} = \dfrac{66-36}{45} = \dfrac{30}{45}$

9. $\dfrac{19}{44} + \dfrac{9}{4} = \dfrac{19}{44} + \dfrac{9\times 11}{4\times 11} = \dfrac{19}{44} + \dfrac{99}{44} = \dfrac{19+99}{44} = \dfrac{118}{44}$

10. $\dfrac{4}{5} - \dfrac{7}{10} = \dfrac{4\times 2}{5\times 2} - \dfrac{7}{10} = \dfrac{8}{10} - \dfrac{7}{10} = \dfrac{8-7}{10} = \dfrac{1}{10}$

11. $\dfrac{2}{4} + \dfrac{7}{44} = \dfrac{2\times 11}{4\times 11} + \dfrac{7}{44} = \dfrac{22}{44} + \dfrac{7}{44} = \dfrac{22+7}{44} = \dfrac{29}{44}$

12. $\dfrac{1}{2} - \dfrac{2}{14} = \dfrac{1\times 7}{2\times 7} - \dfrac{2}{14} = \dfrac{7}{14} - \dfrac{2}{14} = \dfrac{7-2}{14} = \dfrac{5}{14}$