ISTITUTO ELVETICO SALESIANI DON BOSCO Quarta Media C Cognome …… Nome ……

Blitz Nr. 1 18 settembre 2017

Competenze Matematiche

Fila A : pag. 295 es. 102 ; pag. 311 es 308

Fila B : pag. 295 es. 103; pag. 311 es 309

102 $\dfrac{\frac{1}{10}+\frac{8}{15}:\left(\frac{5}{9}+\frac{1}{6}-\frac{1}{2}\right)}{2\cdot\left(\frac{3}{10}+\frac{1}{4}\right)\cdot\left(\frac{7}{11}-\frac{1}{3}+\frac{5}{11}\right)}-\left[\left(\frac{3}{7}\cdot\frac{14}{15}-\frac{1}{10}\right):\frac{3}{10}\right]$ [2]

103 $\left[\dfrac{\left(2-\frac{1}{4}\right)+\left(1+\frac{1}{3}\right):\left(2-\frac{1}{3}\right)}{2-\frac{15}{11}\cdot\left(\frac{1}{3}+\frac{2}{5}\right)}:\dfrac{\left(1-\frac{1}{3}\right)+\left(1+\frac{1}{3}\right)}{\left(\frac{5}{4}-\frac{1}{2}\right)\cdot\left(1+\frac{1}{3}\right)}\right]\cdot\frac{20}{51}$ $\left[\frac{1}{2}\right]$

308 $\dfrac{3^5:\left(\frac{2}{3}\right)^{-5}-2^4}{\left(\frac{11}{7}\right)^{-6}:\left[\left(-\frac{7}{11}\right)^{-2}\right]^{-3}\cdot\left(-\frac{7}{11}\right)-\frac{3^2}{11}}:\left[\left(\frac{5}{6}\right)^{3}:\left(\frac{6}{5}\right)^{-2}-2,\overline{6}\right]$ [6]

309 $\dfrac{3^4:\left(\frac{1}{3}\right)^{-4}+3\cdot\left(-\frac{1}{2}\right)^{-2}+5\cdot\left(-\frac{5}{3}\right)^{-1}+\left(\frac{1}{2}\right)^{-2}\left(-\frac{1}{2}\right)^{3}}{\frac{2}{7}(3^2-4^2)-\frac{4}{5}(3^0+2^2)-\left(\frac{1}{3}\right)^{-2}:\left(\frac{1}{3}\right)^{-3}}$ $\left[-\frac{3}{2}\right]$