

## ESERCIZI DI RIEPILOGO IN $\mathbb{R}_0^+$

1.  $\sqrt{72} + \sqrt{8} - \sqrt{18} =$
2.  $\sqrt{90} - \sqrt{40} =$
3.  $\sqrt{125} + \sqrt{180} - 3\sqrt{20} =$
4.  $2\sqrt{5} - \sqrt{45} =$
5.  $\sqrt{32} + 2\sqrt{18} - 3\sqrt{50} =$
6.  $\sqrt{243} - \sqrt{12} =$
7.  $\sqrt{125} + \sqrt{45} - \sqrt{20} =$
8.  $2\sqrt{45} - 3\sqrt{20} + \sqrt{500} =$
9.  $\sqrt{\frac{9}{8}} - \sqrt{\frac{49}{18}} + \sqrt{\frac{81}{50}} =$
10.  $\sqrt{\frac{3}{4}} - \sqrt{\frac{27}{25}} + \sqrt{\frac{75}{36}} =$
11.  $2\sqrt[3]{3} + \sqrt[3]{81} - 4\sqrt[3]{3} =$
12.  $\sqrt[3]{16} - 4\sqrt[3]{250} + 3\sqrt[3]{54} =$
13.  $(5\sqrt[3]{16} + \sqrt[3]{250} - \sqrt[3]{54}) \cdot \sqrt[3]{4} =$
14.  $(\sqrt[3]{24} - \sqrt[3]{81} + 2\sqrt[3]{3})^3 =$
15.  $\sqrt{3a^4} + \sqrt{27} - 2\sqrt{12} =$
16.  $\sqrt[3]{16} - \sqrt[3]{2a^3b^3} + \sqrt[3]{54} =$
17.  $\sqrt{(a+b)^3} - \sqrt{4a+4b} - \sqrt{a^3+a^2b} =$
18.  $5\sqrt[3]{16} - \sqrt[3]{54} + \sqrt[3]{250} + \sqrt[4]{162} - \sqrt[4]{32} =$
19.  $\sqrt[3]{a^2x} \cdot \sqrt{a^2x^3} =$
20.  $\sqrt{2a^2} \cdot \sqrt[3]{2^3a^2} =$
21.  $(\sqrt[3]{a^4b} + \sqrt[3]{ab^4}) \cdot \sqrt[3]{a^2b^2} =$
22.  $\sqrt[4]{\frac{(1-x)^2}{(a+b)^3}} : \sqrt[4]{\frac{a+b}{(1-x)^2}} =$
23.  $\sqrt{2}(\sqrt{8}+1) =$
24.  $2\sqrt{a}(\sqrt{a}+\sqrt{3}) =$
25.  $\sqrt[3]{8a^2b} + \sqrt[6]{2^6a^4b^2} =$
26.  $\frac{\sqrt[4]{2^4a^3} + 3\sqrt[12]{a^9}}{\sqrt[4]{3^4a}} =$