1. 计算：

$(1)(\sqrt{5}-\sqrt{2})(\sqrt{5}+\sqrt{2})-(\sqrt{3}-1)^2$；$(2)(-3)^{-2}+\sqrt{8}-|1-2\sqrt{2}|+(\sqrt{6}-3)^0$.

2. 计算：$(1)3\sqrt{18}+\frac{1}{5}\sqrt{50}-4\sqrt{\frac{1}{2}}$；　　$(2)\frac{\sqrt{3}\times\sqrt{8}}{\sqrt{6}}+\frac{2}{\sqrt{2}}$.

3. $(1)(\sqrt{20}-\sqrt{\frac{1}{5}})\div\sqrt{5}-\sqrt{24}\times\sqrt{\frac{1}{6}}$.　　$(2)-(-1)^{2018}-|2-\sqrt{3}|+\sqrt{81}+\sqrt[3]{27}$.

4 计算$(1)\sqrt{18}+\sqrt{\frac{9}{2}}+(\sqrt{3}-2)^0+\sqrt{(1-\sqrt{2})^2}$　　$(2)(\sqrt{2}+\sqrt{3})^2(5-2\sqrt{6})$

5 计算：（1）$\sqrt{48}-\sqrt{27}+\sqrt{\frac{1}{3}}$；　　（2）$(3\sqrt{12}-2\sqrt{\frac{1}{3}}+\sqrt{48})\div\sqrt{3}$.

6 计算：（1）$6\times\sqrt{\frac{1}{3}}+(\pi-2021)^0-|5-\sqrt{27}|-(\frac{1}{2})^{-2}$；

（2）$\sqrt{18}-(\sqrt{2}+1)^2+(\sqrt{3}+1)(\sqrt{3}-1)$.