



ルート3  
次の計算をなさい。

$$(1) \frac{\sqrt{2}}{2} - 2\sqrt{2} \quad - \frac{3}{2}\sqrt{2}$$
$$\frac{\sqrt{2}}{2} - \frac{4\sqrt{2}}{2}$$

$$(2) \frac{\sqrt{3}}{4} - \frac{\sqrt{3}}{3} \quad - \frac{\sqrt{3}}{12}$$
$$\frac{3\sqrt{3}}{12} - \frac{4\sqrt{3}}{12}$$

$$(3) \sqrt{27} - \frac{9}{\sqrt{3}} \quad 0$$
$$3\sqrt{3} - 3\sqrt{3}$$

$$(4) \sqrt{8} + \frac{4}{\sqrt{2}} \quad 4\sqrt{2}$$
$$2\sqrt{2} + 2\sqrt{2}$$

$$(5) \sqrt{\frac{2}{5}} - \sqrt{40} \quad - \frac{9}{5}\sqrt{10}$$
$$\frac{\sqrt{10}}{5} - \frac{10\sqrt{10}}{5}$$

$$(6) \frac{12}{\sqrt{6}} - \sqrt{54} \quad -\sqrt{6}$$
$$2\sqrt{6} - 3\sqrt{6}$$

$$(7) \sqrt{\frac{5}{49}} - \sqrt{\frac{5}{16}} \quad - \frac{3}{28}\sqrt{5}$$

$$\frac{\sqrt{5}}{7} - \frac{\sqrt{5}}{4}$$

$$\frac{4\sqrt{5}}{28} - \frac{7\sqrt{5}}{28}$$

