

1127.12.17 訂正

次の計算をなさい。

(1)  $\sqrt{2}(2\sqrt{2}+1)$

$$4+\sqrt{2}$$

(2)  $\sqrt{3}(\sqrt{3}+6)$

$$3+6\sqrt{3}$$

(3)  $\sqrt{18}(\sqrt{3}+\sqrt{2})$

$$3\sqrt{6}+6$$

(4)  $(\sqrt{2}-\sqrt{3})(\sqrt{2}-2\sqrt{3})$

$$8-3\sqrt{6}$$

(5)  $(\sqrt{2}-\sqrt{5})(\sqrt{2}+3\sqrt{5})$

$$2+3\sqrt{10}-\sqrt{10}-15 \quad -13+2\sqrt{10}$$

(6)  $(\sqrt{6}-2)^2$

$$10-4\sqrt{6}$$

(7)  $(2\sqrt{3}-\sqrt{7})^2$

$$19-4\sqrt{21}$$

(8)  $(\sqrt{15}-\sqrt{6})(\sqrt{15}+\sqrt{6})$

$$9$$

(9)  $(\sqrt{50}+3\sqrt{2})(5\sqrt{2}-\sqrt{18})$

$$32$$

(10)  $-(\sqrt{5}-\sqrt{8})^2$

$$-13+4\sqrt{10}$$