

$\sim A \sim$

1 次の式を簡単にしなさい。

$$(1) \quad \underline{3\sqrt{5}} + \underline{4\sqrt{5}}$$

$$= \underline{7\sqrt{5}}$$

$$(2) \quad \underline{8\sqrt{2}} - \underline{5\sqrt{2}}$$

$$= \underline{3\sqrt{2}}$$

$$(3) \quad \underline{6\sqrt{3}} - \underline{2\sqrt{3}} - \underline{3\sqrt{3}}$$

$$= 4\sqrt{3} - 3\sqrt{3}$$

$$= \underline{\sqrt{3}}$$

$$(4) \quad \underline{1\sqrt{7}} - \underline{4\sqrt{7}} + \underline{3\sqrt{7}}$$

$$= -3\sqrt{7} + 3\sqrt{7}$$

$$= \underline{0}$$

$$(5) \quad \underline{3\sqrt{2}} - \underline{4\sqrt{3}} + \underline{7\sqrt{2}} + \underline{1\sqrt{3}}$$

$$= \underline{10\sqrt{2}} - \underline{3\sqrt{3}}$$

$$(6) \quad \underline{1\sqrt{10}} - \underline{1\sqrt{5}} - \underline{1\sqrt{10}} - \underline{2\sqrt{5}}$$

$$= \underline{-3\sqrt{5}}$$

$$(7) \quad \underline{3} - \underline{2\sqrt{2}} + \underline{5\sqrt{2}} - \underline{5} - \underline{4\sqrt{2}} + \underline{2}$$

$$= -2 + 3\sqrt{2} - 4\sqrt{2} + 2$$

$$= \underline{-\sqrt{2}}$$

$\sim B \sim$

1 次の式を簡単にしなさい。

$$(1) \quad \underline{1\sqrt{5}} + \underline{3\sqrt{5}}$$

$$= \underline{4\sqrt{5}}$$

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

$$= \underline{-2\sqrt{3}}$$

$$(3) \quad \underline{4\sqrt{3}} + \underline{6\sqrt{3}} - \underline{9\sqrt{3}}$$

$$= 10\sqrt{3} - 9\sqrt{3}$$

$$= \underline{\sqrt{3}}$$

$$(4) \quad \underline{1\sqrt{11}} - \underline{6\sqrt{11}} - \underline{6\sqrt{11}}$$

$$= -5\sqrt{11} - 6\sqrt{11}$$

$$= \underline{-11\sqrt{11}}$$

$$(5) \quad \underline{6\sqrt{3}} - \underline{1\sqrt{5}} - \underline{7\sqrt{5}} - \underline{5\sqrt{3}}$$

$$= \underline{\sqrt{3}} - \underline{8\sqrt{5}}$$

$$(6) \quad \underline{-1\sqrt{7}} - \underline{5} - \underline{1\sqrt{7}} + \underline{2\sqrt{7}}$$

$$= -2\sqrt{7} - 5 + 2\sqrt{7}$$

$$= \underline{-5}$$

$$(7) \quad \underline{2\sqrt{2}} + \underline{3\sqrt{3}} + \underline{5\sqrt{5}} - \underline{5\sqrt{2}} - \underline{3\sqrt{3}} - \underline{2\sqrt{5}}$$

$$= \underline{-3\sqrt{2}} + \underline{3\sqrt{5}}$$