



1 次の計算をなさい。

(1) $5\sqrt{3} + 2\sqrt{3}$

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

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

(4) $\sqrt{27} - 2\sqrt{3}$

(5) $2\sqrt{32} + \sqrt{18} - 3\sqrt{72}$

(6) $\sqrt{48} - \sqrt{27} + \sqrt{3}$

(7) $\sqrt{48} - 4\sqrt{32} + 3\sqrt{12} + \sqrt{50}$

(8) $\sqrt{27} - \frac{3}{\sqrt{3}}$

(9) $\sqrt{50} - \frac{20}{\sqrt{2}} + 3\sqrt{8}$

(10) $\frac{\sqrt{5}}{2} + \frac{2}{\sqrt{5}}$

(11) $\frac{21}{2\sqrt{7}} + \frac{\sqrt{21}}{\sqrt{3}} - \frac{\sqrt{2}}{\sqrt{14}}$

1	(1)
	(2)
	(3)
	(4)
	(5)
	(6)
	(7)
	(8)
	(9)
	(10)
	(11)



2 次の計算をなさい。

(1) $\sqrt{2} \times \sqrt{6} - 3\sqrt{3}$ (2) $-3^2 - \sqrt{48} \div 2\sqrt{3}$

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

(5) $2\sqrt{2}(\sqrt{2} + 3) + \sqrt{72}$ (6) $(\sqrt{72} - \sqrt{32}) \div \sqrt{8}$

(7) $\frac{\sqrt{45} - \sqrt{20}}{\sqrt{5}}$ (8) $\frac{5}{\sqrt{2}} - 2\sqrt{6} \times \sqrt{12}$

2	(1)
	(2)
	(3)
	(4)
	(5)
	(6)
	(7)
	(8)

答え合わせ

(間違えた問題は動画で解き方を確認しよう)

1 (1) $7\sqrt{3}$ (2) $-4\sqrt{2}$ (3) $4\sqrt{2}$ (4) $\sqrt{3}$
 (5) $-7\sqrt{2}$ (6) $2\sqrt{3}$ (7) $10\sqrt{3} - 11\sqrt{2}$
 (8) $3\sqrt{3}$ (9) $\sqrt{2}$ (10) $\frac{9\sqrt{5}}{10}$ (11) $\frac{33\sqrt{7}}{14}$

2 (1) $-\sqrt{3}$ (2) -11 (3) $-6\sqrt{2} + 10\sqrt{3}$
 (4) $-\sqrt{7} - \sqrt{3}$ (5) $4 + 12\sqrt{2}$ (6) 1 (7) 1
 (8) $-\frac{19\sqrt{2}}{2}$

動画解説はこちら

