

愛媛県・県立入試計算問題練習

1 2 1
1 $3+(-9)$
2 $(-2.5)\times 0.6$
3 $2(x-3y-5)+3(x+y-2)$
4 $9a^2b-ab\times 3a$
5 $(\sqrt{2}-3)^2+\frac{\sqrt{6}}{\sqrt{3}}$
6 $(x+6)(x-6)-(x+1)(x-7)$
1 2 2
1 $-5-3$
2 $(-8)^2\times \frac{1}{48}$
3 $4(x-2y)+(x+5y-3)$
4 $48ab^2\div 8ab\times 4b$
5 $\frac{10}{\sqrt{5}}+(3+\sqrt{5})(2-\sqrt{5})$
6 $(x+3)^2-(x-6)(x-5)$
1 2 3
1 $5-(-4)$
2 $\frac{15}{8}\div (-\frac{5}{4})$
3 $(x+2y-5)-2(2x-3y-1)$
4 $(12a^2+4ab)\div 4a$
5 $\sqrt{5}(\sqrt{15}+\sqrt{5})-\frac{12}{\sqrt{3}}$
6 $(x+3)(x-3)+(x+1)(x+2)$
1 2 4
1 $(-42)\div (-7)$
2 $\frac{3}{8}-\frac{7}{12}$
3 $2(-a+3b-5)-(3a+7b-6)$
4 $15ab-10ab^2\div 5b$
5 $\frac{12}{\sqrt{18}}-(\sqrt{2}-1)^2$
6 $(x-2)(x-7)+(x+2)(x-2)$

1 2 5
1 $(-6)+(-3)$
2 $0.3\times (-0.4)$
3 $3(2x-5y+1)-2(x-5y-3)$
4 $36ab^2\div 3b\div 4ab$
5 $(\sqrt{12}+1)(\sqrt{12}+3)-\frac{18}{\sqrt{12}}$
6 $(x+2)(x-4)-(x-6)^2$
1 2 6
1 $24\div (-6)$
2 $-\frac{1}{4}+\frac{5}{6}$
3 $4(2x-3y)-3(x-2y-1)$
4 $24a^2b\div 18a^2\times 9ab$
5 $(\sqrt{8}+3)(\sqrt{8}-2)+\frac{6}{\sqrt{2}}$
6 $(x+3)(x+5)-(x-4)^2$
1 2 7
1 $5\times (-6)$
2 $\frac{11}{15}-\frac{4}{5}$
3 $5(a-3b+5)-3(a-2b)$
4 $(-6x^2+9x)\div 9x$
5 $\frac{10}{\sqrt{5}}+(2-\sqrt{5})^2$
6 $(x+4)^2-(x+5)(x-5)$
1 2 8
1 $2+(-7)$
2 $(-2.5)\times 0.4$
3 $3(x-2y-1)+4(x+y-2)$
4 $8a^2b-ab\times 4a$
5 $(\sqrt{3}-2)^2+\frac{\sqrt{15}}{\sqrt{5}}$
6 $(x+4)(x-4)-(x+2)(x-5)$

1 2 9
1 $-4-5$
2 $(-6)^2\times \frac{1}{24}$
3 $3(x-3y)+(x+7y-5)$
4 $24ab^2\div 6ab\times 3b$
5 $\frac{4}{\sqrt{2}}+(2+\sqrt{2})(1-\sqrt{2})$
6 $(x+5)^2-(x-3)(x-2)$
1 3 0
1 $3-(-6)$
2 $\frac{9}{8}\div (-\frac{3}{4})$
3 $(x+3y-5)-3(2x-y-1)$
4 $(42a^2+6ab)\div 6a$
5 $\sqrt{3}(\sqrt{6}+\sqrt{3})-\frac{10}{\sqrt{2}}$
6 $(x+4)(x-4)+(x+5)(x+2)$
1 3 1
1 $(-30)\div (-6)$
2 $\frac{1}{4}-\frac{5}{6}$
3 $2(-a+5b-1)-(5a+3b-6)$
4 $20ab-12ab^2\div 4b$
5 $\frac{6}{\sqrt{12}}-(\sqrt{3}-2)^2$
6 $(x-3)(x-5)+(x+4)(x-4)$
1 3 2
1 $(-5)+(-7)$
2 $0.2\times (-0.7)$
3 $3(2x-y+3)-2(x-3y-7)$
4 $54ab^2\div 6b\div 3ab$
5 $(\sqrt{8}+1)(\sqrt{8}+4)-\frac{12}{\sqrt{8}}$
6 $(x+2)(x-3)-(x-5)^2$

1 3 3
1 $27\div (-3)$
2 $-\frac{3}{8}+\frac{5}{6}$
3 $4(2x-3y)-3(x-2y-5)$
4 $14a^2b\div 6a^2\times 9ab$
5 $(\sqrt{12}+2)(\sqrt{12}-3)+\frac{9}{\sqrt{3}}$
6 $(x+2)(x+4)-(x-7)^2$
1 3 4
1 $7\times (-8)$
2 $\frac{7}{15}-\frac{2}{3}$
3 $5(a-2b+3)-3(a-2b)$
4 $(-6x^2+8x)\div 8x$
5 $\frac{9}{\sqrt{3}}+(2-\sqrt{3})^2$
6 $(x+5)^2-(x+3)(x-3)$
1 3 5
1 $4+(-9)$
2 $(-2.5)\times 0.8$
3 $2(x-2y-3)+3(2x+y-1)$
4 $7a^2b-ab\times 3a$
5 $(\sqrt{5}-3)^2+\frac{\sqrt{10}}{\sqrt{2}}$
6 $(x+3)(x-3)-(x+1)(x-4)$
1 3 6
1 $-2-4$
2 $(-6)^2\times \frac{1}{27}$
3 $2(x-3y)+(x+5y-6)$
4 $28ab^2\div 4ab\times 3b$
5 $\frac{9}{\sqrt{3}}+(3+\sqrt{3})(2-\sqrt{3})$
6 $(x+4)^2-(x-3)(x-4)$

1 3 7
1 $5-(-6)$
2 $\frac{9}{10}\div (-\frac{3}{5})$
3 $(x+2y-3)-2(3x-y-2)$
4 $(28a^2+7ab)\div 7a$
5 $\sqrt{2}(\sqrt{6}+\sqrt{2})-\frac{9}{\sqrt{3}}$
6 $(x+6)(x-6)+(x+3)(x+4)$
1 3 8
1 $(-48)\div (-8)$
2 $\frac{2}{9}-\frac{5}{6}$
3 $3(-a+2b-3)-(3a+7b-5)$
4 $12ab-6ab^2\div 3b$
5 $\frac{6}{\sqrt{18}}-(\sqrt{2}-1)^2$
6 $(x-2)(x-4)+(x+5)(x-5)$
1 3 9
1 $(-4)+(-6)$
2 $0.7\times (-0.4)$
3 $3(2x-3y+1)-2(x-4y-3)$
4 $45ab^2\div 3b\div 5ab$
5 $(\sqrt{12}+2)(\sqrt{12}+3)-\frac{24}{\sqrt{12}}$
6 $(x+1)(x-3)-(x-2)^2$
1 4 0
1 $24\div (-8)$
2 $-\frac{3}{4}+\frac{5}{6}$
3 $5(2x-3y)-3(x-2y-1)$
4 $15a^2b\div 12a^2\times 8ab$
5 $(\sqrt{8}+3)(\sqrt{8}-1)+\frac{10}{\sqrt{2}}$
6 $(x+3)(x+5)-(x-1)^2$