

愛媛県・県立入試計算問題練習

281
1 $-3+8$
2 $1.4\times(-3)$
3 $4(2x+y)+3(x-2y)$
4 $(9a^2-6a)\div 3a$
5 $\frac{14}{\sqrt{7}}-(1+\sqrt{7})(3-\sqrt{7})$
6 $(x+5)(x-5)-(x-3)^2$
282
1 $(-36)\div 9$
2 $\frac{1}{5}-(-\frac{2}{3})$
3 $3(-3a-b+1)-2(a-3b)$
4 $24x^2y\div 4y\div (-2x)$
5 $(3+\sqrt{2})(3-\sqrt{2})-\frac{\sqrt{32}}{\sqrt{2}}$
6 $(x-2)(x+5)+(x-2)^2$
283
1 $2+(-7)$
2 $(-2.5)\times 0.6$
3 $2(x-2y-1)+3(2x+y-2)$
4 $10a^2b-ab\times 4a$
5 $(\sqrt{3}-2)^2+\frac{\sqrt{15}}{\sqrt{5}}$
6 $(x+4)(x-4)-(x+1)(x-3)$
284
1 $-4-3$
2 $(-4)^2\times \frac{1}{10}$
3 $3(x-2y)+(2x+5y-6)$
4 $40ab^2\div 5ab\times 3b$
5 $\frac{6}{\sqrt{2}}+(3+\sqrt{2})(2-\sqrt{2})$
6 $(x+5)^2-(x-3)(x-2)$

285
1 $5-(-2)$
2 $\frac{15}{8}\div (-\frac{5}{4})$
3 $(x+2y-7)-3(2x-y-4)$
4 $(18a^2+6ab)\div 6a$
5 $\sqrt{2}(\sqrt{10}+\sqrt{2})-\frac{10}{\sqrt{5}}$
6 $(x+3)(x-3)+(x+5)(x+2)$
286
1 $(-56)\div (-7)$
2 $\frac{1}{6}-\frac{3}{8}$
3 $2(-a+4b-5)-(3a+6b-2)$
4 $20ab-12ab^2\div 3b$
5 $\frac{12}{\sqrt{18}}-(\sqrt{2}-3)^2$
6 $(x-3)(x-5)+(x+4)(x-4)$
287
1 $(-6)+(-4)$
2 $0.2\times(-0.7)$
3 $3(3x-2y+1)-2(x-4y-7)$
4 $24ab^2\div 3b\div 4ab$
5 $(\sqrt{12}+1)(\sqrt{12}+3)-\frac{24}{\sqrt{12}}$
6 $(x+1)(x-3)-(x-6)^2$
288
1 $18\div (-6)$
2 $-\frac{1}{9}+\frac{5}{6}$
3 $5(2x-3y)-3(x-3y-1)$
4 $21a^2b\div 14a^2\times 8ab$
5 $(\sqrt{12}+3)(\sqrt{12}-2)-\frac{9}{\sqrt{3}}$
6 $(x+2)(x+5)-(x-3)^2$

289
1 $7\times(-8)$
2 $\frac{7}{15}-\frac{4}{5}$
3 $4(a-3b+1)-3(a-2b)$
4 $(-6x^2+8x)\div 8x$
5 $\frac{10}{\sqrt{5}}+(2-\sqrt{5})^2$
6 $(x+5)^2-(x+2)(x-2)$
290
1 $-8+5$
2 $4(a+2b-1)+3(2a-b)$
3 $(12x-4)\times \frac{1}{4}x$
4 $(\sqrt{3}+1)^2-\frac{12}{\sqrt{3}}$
5 $(x+3)(x-3)-(x-2)(x+4)$
291
1 $-3+6$
2 $1.5\times(-5)$
3 $5(2x+y)+3(x-2y)$
4 $(18a^2-6a)\div 3a$
5 $\frac{9}{\sqrt{3}}-(1+\sqrt{3})(3-\sqrt{3})$
6 $(x+4)(x-4)-(x-3)^2$
292
1 $(-28)\div 7$
2 $\frac{2}{5}-(-\frac{1}{4})$
3 $3(-2a-b+3)-2(a-2b)$
4 $24x^2y\div 4y\div (-2x)$
5 $(3+\sqrt{2})(3-\sqrt{2})-\frac{\sqrt{18}}{\sqrt{2}}$
6 $(x-2)(x+5)+(x-4)^2$

293
1 $3+(-9)$
2 $(-2.5)\times 0.8$
3 $2(x-2y-5)+3(x+2y-3)$
4 $8a^2b-ab\times 4a$
5 $(\sqrt{3}-3)^2+\frac{\sqrt{18}}{\sqrt{6}}$
6 $(x+7)(x-7)-(x+2)(x-6)$
294
1 $-3-4$
2 $(-6)^2\times \frac{1}{20}$
3 $5(x-2y)+(2x+7y-6)$
4 $48ab^2\div 6ab\times 3b$
5 $\frac{10}{\sqrt{5}}+(3+\sqrt{5})(2-\sqrt{5})$
6 $(x+5)^2-(x-3)(x-4)$
295
1 $4-(-5)$
2 $\frac{21}{8}\div (-\frac{7}{4})$
3 $(x+3y-5)-2(3x-2y-5)$
4 $(15a^2+5ab)\div 5a$
5 $\sqrt{2}(\sqrt{6}+\sqrt{2})-\frac{9}{\sqrt{3}}$
6 $(x+5)(x-5)+(x+4)(x+2)$
296
1 $(-36)\div (-9)$
2 $\frac{1}{6}-\frac{3}{4}$
3 $2(-a+3b-2)-(4a+5b-3)$
4 $12ab-6ab^2\div 3b$
5 $\frac{12}{\sqrt{8}}-(\sqrt{2}-2)^2$
6 $(x-3)(x-5)+(x+4)(x-4)$

297
1 $(-5)+(-4)$
2 $0.2\times(-0.3)$
3 $3(2x-4y+5)-2(x-3y-7)$
4 $32ab^2\div 4b\div 2ab$
5 $(\sqrt{8}+1)(\sqrt{8}+4)-\frac{12}{\sqrt{8}}$
6 $(x+2)(x-5)-(x-7)^2$
298
1 $21\div (-3)$
2 $-\frac{3}{8}+\frac{5}{6}$
3 $3(x-2y)-2(x-5y-1)$
4 $12a^2b\div 8a^2\times 6ab$
5 $(\sqrt{8}+5)(\sqrt{8}-3)+\frac{4}{\sqrt{2}}$
6 $(x+4)(x+3)-(x-2)^2$
299
1 $4\times(-9)$
2 $\frac{7}{12}-\frac{4}{3}$
3 $7(a-2b+1)-4(a-3b)$
4 $(-6x^2+9x)\div 9x$
5 $\frac{21}{\sqrt{7}}+(2-\sqrt{7})^2$
6 $(x+4)^2-(x+3)(x-3)$
300
1 $-9+5$
2 $5(a+3b-1)+3(a-2b)$
3 $(10x-5)\times \frac{1}{5}x$
4 $(\sqrt{6}+3)^2-\frac{30}{\sqrt{6}}$
5 $(x+3)(x-3)-(x-2)(x+3)$