愛媛県・県立入試計算問題練習 (H9～16, R2～3)

201

1 $(-3)\times 7$

2 $\frac{x}{3}-2+(\frac{x}{5}-3)$

3 $24xy^2\div(-6xy)\times 3x$

4 $(\sqrt{3}+\sqrt{2})(3\sqrt{3}+\sqrt{2})+\frac{6}{\sqrt{6}}$

5 $(x-5)^2-(x+4)(x-4)$

202

1 $-8+2$

2 $3(4a-3b)-9(a-\frac{1}{3}b)$

3 $8x^2y\times 3y\div 6x^2$

4 $(2\sqrt{3}+1)(2\sqrt{3}-1)-\frac{\sqrt{18}}{\sqrt{2}}$

5 $(x-5)(x-4)-(x+3)^2$

203

1 $-7+5$

2 $3(a+3b-1)+2(a-3b)$

3 $(15x-5)\times\frac{1}{5}x$

4 $(\sqrt{3}+2)^2-\frac{9}{\sqrt{3}}$

5 $(x+2)(x-2)-(x-5)(x+3)$

204

1 $(-5)\times 6$

2 $4(2x+y)-3(x-2y)$

3 $(20a^2+8ab)\div 4a$

4 $\sqrt{18}+\frac{6}{\sqrt{2}}-5\sqrt{2}$

5 $(x+2)(x-6)-(x-6)^2$

205

1 $5+(-8)$

2 $(21ab^2+6ab)\div 3ab$

3 $(\sqrt{6}-1)^2+\frac{12}{\sqrt{6}}$

4 $(x-2)(x+3)-(x+2)(x-2)$

5 $\frac{1}{4}(2x+1)-\frac{1}{6}(x-1)$

206

1 $(-36)\div 9$

2 $8ab^2\times 3ab\div 4a^2$

3 $(\sqrt{5}+1)(\sqrt{5}+2)-\frac{10}{\sqrt{5}}$

4 $(x+5)^2-(x+6)(x-2)$

5 $\frac{1}{5}(4x+1)+\frac{1}{2}(x-3)$

207

1 $7-(-6)$

2 $42a^2b\div 7a\times 3b$

3 $(\sqrt{3}-1)^2+\frac{\sqrt{36}}{\sqrt{3}}$

4 $(x+7)(x-7)-(x+3)(x-5)$

5 $\frac{1}{5}(3x-1)-\frac{1}{3}(x+1)$

208

1 $(-8)\times(-5)$

2 $(21a^2b-12ab)\div 3ab$

3 $(\sqrt{5}+\sqrt{2})(\sqrt{5}-\sqrt{2})+\frac{\sqrt{48}}{\sqrt{12}}$

4 $(x+4)(x-3)-(x-1)^2$

5 $\frac{1}{3}(2x-1)-\frac{1}{4}(x+3)$

209

1 $(-18)\div(-3)$

2 $48a^2b\div 8ab\times 4a$

3 $(\sqrt{7}-1)(\sqrt{7}+2)-\frac{\sqrt{21}}{\sqrt{3}}$

4 $(x+4)^2-(x+2)(x-3)$

5 $\frac{1}{2}(3x-1)-\frac{1}{3}(4x-2)$

210

1 $4+(-7)$

2 $(24xy^2-9xy)\div 3xy$

3 $\frac{\sqrt{15}}{\sqrt{5}}+(\sqrt{3}-1)^2$

4 $(a+5)(a-5)-(a+3)(a-4)$

5 $\frac{1}{2}(3x-1)-\frac{1}{5}(2x-1)$

211

1 $(-7)\times 4$

2 $\frac{x}{2}-1+(\frac{x}{5}-3)$

3 $36xy^2\div(-9xy)\times 3x$

4 $(\sqrt{3}+\sqrt{2})(2\sqrt{3}+\sqrt{2})+\frac{12}{\sqrt{6}}$

5 $(x-6)^2-(x+2)(x-2)$

212

1 $-9+2$

2 $3(3a-2b)-8(a-\frac{1}{4}b)$

3 $4x^2y\times 6y\div 3x^2$

4 $(3\sqrt{2}+1)(3\sqrt{2}-1)-\frac{\sqrt{27}}{\sqrt{3}}$

5 $(x-4)(x-5)-(x+3)^2$

213

1 $-9+7$

2 $3(2a+b-1)+2(a-3b)$

3 $(12x-4)\times\frac{1}{4}x$

4 $(\sqrt{7}+2)^2-\frac{21}{\sqrt{7}}$

5 $(x+3)(x-3)-(x-5)(x+3)$

214

1 $(-2)\times 7$

2 $5(3x+y)-2(x-5y)$

3 $(30a^2+12ab)\div 6a$

4 $\sqrt{8}+\frac{6}{\sqrt{2}}-4\sqrt{2}$

5 $(x+2)(x-6)-(x-4)^2$

215

1 $3+(-9)$

2 $(24ab^2+9ab)\div 3ab$

3 $(\sqrt{5}-1)^2+\frac{15}{\sqrt{5}}$

4 $(x-1)(x+6)-(x+5)(x-5)$

5 $\frac{1}{4}(5x+3)-\frac{1}{6}(x-1)$

216

1 $(-28)\div 4$

2 $9ab^2\times 4ab\div 6a^2$

3 $(\sqrt{5}+1)(\sqrt{5}+2)-\frac{15}{\sqrt{5}}$

4 $(x+4)^2-(x+5)(x-3)$

5 $\frac{1}{5}(3x+1)+\frac{1}{2}(x-3)$

217

1 $6-(-7)$

2 $42a^2b\div 7a\times 3b$

3 $(\sqrt{2}-1)^2+\frac{\sqrt{24}}{\sqrt{3}}$

4 $(x+8)(x-8)-(x+5)(x-6)$

5 $\frac{1}{5}(4x-1)-\frac{1}{3}(2x+1)$

218

1 $(-6)\times(-9)$

2 $(36a^2b-12ab)\div 6ab$

3 $(\sqrt{5}+\sqrt{3})(\sqrt{5}-\sqrt{3})+\frac{\sqrt{54}}{\sqrt{6}}$

4 $(x+5)(x-4)-(x-2)^2$

5 $\frac{1}{3}(4x-1)-\frac{1}{4}(3x+1)$

219

1 $(-18)\div(-3)$

2 $42a^2b\div 6ab\times 4a$

3 $(\sqrt{5}-1)(\sqrt{5}+2)-\frac{\sqrt{15}}{\sqrt{3}}$

4 $(x+4)^2-(x+1)(x-2)$

5 $\frac{1}{2}(5x-3)-\frac{1}{3}(4x-1)$

220

1 $4+(-7)$

2 $(28xy^2-8xy)\div 4xy$

3 $\frac{\sqrt{6}}{\sqrt{3}}+(\sqrt{2}-1)^2$

4 $(a+7)(a-7)-(a+3)(a-5)$

5 $\frac{1}{2}(x-3)-\frac{1}{5}(2x-3)$