

愛媛県・県立入試計算問題練習（H28～R7）

愛媛 421	
1	$(-4) \times 5$
2	$\frac{1}{4} - (-\frac{2}{5})$
3	$18a^2b \div (-3a) \div (-b)$
4	$(3 - \sqrt{3})(3 + \sqrt{3}) - \frac{\sqrt{27}}{\sqrt{3}}$
5	$(x+2)^2 + (x-2)(x+3)$
愛媛 422	
1	$-5 + 8$
2	$(-\frac{9}{2}) \div (-\frac{3}{8})$
3	$(-2a)^2 \times 3a$
4	$(\sqrt{2} + 1)^2 - \frac{6}{\sqrt{2}}$
5	$(x+5)(x-5) + (x-4)(x-1)$
愛媛 423	
1	$5 - (-4)$
2	$4(x-3y) + 3(x+2y-1)$
3	$\frac{15}{8}x^2y \div (-\frac{5}{4}x)$
4	$(\sqrt{6} - 2)(\sqrt{6} + 1) - \frac{4\sqrt{3}}{\sqrt{2}}$
5	$(2x+1)(x-4) - (x-3)^2$
愛媛 424	
1	$-5 - 6$
2	$\frac{2x-y}{3} + \frac{x+3y}{2}$
3	$(4x^2y - 3xy^2) \div xy$
4	$\frac{\sqrt{6}}{\sqrt{2}} - (\sqrt{3} - 2)^2$
5	$(a-4)(a+4) + (a+3)(a+5)$

愛媛 425	
1	$(-3) \times 7$
2	$\frac{x}{2} - 2 + (\frac{x}{3} - 1)$
3	$36xy^2 \div (-4xy) \times 3x$
4	$(\sqrt{3} + \sqrt{2})(2\sqrt{3} + \sqrt{2}) + \frac{12}{\sqrt{6}}$
5	$(x-3)^2 - (x+2)(x-2)$
愛媛 426	
1	$-7 + 2$
2	$3(3a-2b) - 4(a - \frac{1}{2}b)$
3	$8x^2y \times 3y \div 6x^2$
4	$(2\sqrt{3} + 1)(2\sqrt{3} - 1) - \frac{\sqrt{27}}{\sqrt{3}}$
5	$(x-5)(x-3) - (x+3)^2$
愛媛 427	
1	$(-24) \div 8$
2	$-\frac{3}{7} + \frac{1}{3}$
3	$-(3x-y) + 3(-5x+2y)$
4	$(12a^2 + 8ab) \div (-4a)$
5	$(3\sqrt{2} - 1)(2\sqrt{2} + 1) - \frac{6}{\sqrt{2}}$
6	$(x+6)^2 + (x+5)(x-5)$
愛媛 428	
1	$4 - (-7)$
2	$5 \times (-2.6)$
3	$2(2a-b) + 3(-a+4)$
4	$30x^2y \div 6x \times (-2y)$
5	$(\sqrt{3} + \sqrt{2})^2 - \sqrt{18} \times \frac{\sqrt{15}}{\sqrt{5}}$
6	$(x-6)(x+2) - (x+4)(x-4)$

愛媛 429	
1	$5 + (-8)$
2	$(-\frac{7}{6}) \div (-\frac{2}{3})$
3	$2(3x-y+1) + (x-5y)$
4	$18xy^2 \div 3y \div (-2x)$
5	$(\sqrt{3} + 2)(\sqrt{3} - 3) + \frac{9}{\sqrt{3}}$
6	$(x-4)^2 - (x+3)(x+4)$
愛媛 430	
1	$(-6) \times (-3)$
2	$-\frac{1}{6} + \frac{1}{4}$
3	$(a+3b) - (3a-b)$
4	$(15x^2y - 5xy^2) \div 5xy$
5	$\frac{10}{\sqrt{2}} + (\sqrt{2} - 1)^2$
6	$(2x+1)(2x-1) + (x+3)(x-4)$
愛媛 431	
1	$(-2) \times 6$
2	$\frac{3}{5} - (-\frac{1}{4})$
3	$24a^2b \div (-4a) \div (-b)$
4	$(2 - \sqrt{5})(2 + \sqrt{5}) - \frac{\sqrt{45}}{\sqrt{5}}$
5	$(x+1)^2 + (x-3)(x+4)$
愛媛 432	
1	$-3 + 7$
2	$(-\frac{10}{3}) \div (-\frac{5}{6})$
3	$(-3a)^2 \times 4a$
4	$(\sqrt{3} + 2)^2 - \frac{12}{\sqrt{3}}$
5	$(x+4)(x-4) + (x-6)(x-1)$

愛媛 433	
1	$3 - (-5)$
2	$3(x-2y) + 2(x+3y-1)$
3	$\frac{21}{8}x^2y \div (-\frac{7}{6}x)$
4	$(\sqrt{6} - 2)(\sqrt{6} + 3) - \frac{6\sqrt{3}}{\sqrt{2}}$
5	$(3x+1)(x-2) - (x-3)^2$
愛媛 434	
1	$-3 - 7$
2	$\frac{3x-5y}{4} + \frac{2x+y}{3}$
3	$(7x^2y - 5xy^2) \div xy$
4	$\frac{\sqrt{15}}{\sqrt{3}} - (\sqrt{5} - 2)^2$
5	$(a-2)(a+2) + (a+3)(a+5)$
愛媛 435	
1	$(-4) \times 6$
2	$\frac{x}{3} - 2 + (\frac{x}{5} - 1)$
3	$42xy^2 \div (-6xy) \times 2x$
4	$(\sqrt{5} + \sqrt{2})(2\sqrt{5} + \sqrt{2}) + \frac{10}{\sqrt{10}}$
5	$(x-5)^2 - (x+2)(x-2)$
愛媛 436	
1	$-5 + 3$
2	$4(2a-b) - 6(a - \frac{1}{3}b)$
3	$8x^2y \times 3y \div 4x^2$
4	$(3\sqrt{2} + 1)(3\sqrt{2} - 1) - \frac{\sqrt{12}}{\sqrt{3}}$
5	$(x-4)(x-3) - (x+1)^2$

愛媛 437	
1	$(-54) \div 6$
2	$-\frac{1}{7} + \frac{2}{3}$
3	$-(2x-y) + 3(-4x+2y)$
4	$(15a^2 + 6ab) \div (-3a)$
5	$(3\sqrt{5} - 1)(2\sqrt{5} + 1) - \frac{10}{\sqrt{5}}$
6	$(x+3)^2 + (x+4)(x-4)$
愛媛 438	
1	$2 - (-5)$
2	$5 \times (-1.4)$
3	$2(3a-b) + 3(-a+2)$
4	$24x^2y \div 4x \times (-2y)$
5	$(\sqrt{2} + \sqrt{3})^2 - \sqrt{8} \times \frac{\sqrt{6}}{\sqrt{2}}$
6	$(x-5)(x+2) - (x+3)(x-3)$
愛媛 439	
1	$3 + (-7)$
2	$(-\frac{5}{9}) \div (-\frac{2}{3})$
3	$3(2x-y+1) + (x-3y)$
4	$24xy^2 \div 4y \div (-2x)$
5	$(\sqrt{5} + 1)(\sqrt{5} - 3) + \frac{20}{\sqrt{5}}$
6	$(x-5)^2 - (x+2)(x+3)$
愛媛 440	
1	$(-5) \times (-4)$
2	$-\frac{1}{6} + \frac{1}{8}$
3	$(a+b) - (3a-2b)$
4	$(18x^2y - 6xy^2) \div 6xy$
5	$\frac{15}{\sqrt{5}} + (\sqrt{5} - 1)^2$
6	$(3x+1)(3x-1) + (x+2)(x-3)$