

トキモドリル 3学年(夏休みトレーニング編)解答

NO.1 ① 6^2+15 ② -21^2+18 ③ 6^2-4 ④ $4y-2$ ⑤ $4b-1$	NO.2 ① $ac-ad+bc-bd$ ② $xy+3x+2y+6$ ③ $xy+4x-y-4$ ④ $16^2-26y+3^2$ ⑤ $a^2+b+b-1$	NO.3 ① $^2+5 +$ ② $^2-3 -18$ ③ $^2-2 -8$ ④ $^2-10 +21^2$ ⑤ $〔4〕^2+4 +15$	NO.4 ① $^2+10 +25$ ② $^2-14x+49$ ③ $4^2+12 +9$ ④ $^2-8 +16^2$ ⑤ $4^2+12 +〔9$	NO.5 ① $^2-16$ ② $9-^2$ ③ 4^2-^2 ④ ⑤ $^2-36^2$
NO.6 ① $ax+ay-3x-3y$ ② $^2+2 +^2-1$	NO.7 ① 2×3^2 ② $2^2 \times 5$ ③ $2^3 \times 3 \times$ ④ $2^3 \times 3^2 \times 7 \times 5$	NO.8 ① $a(4-b)$ ② $3x(1+2y)$ ③ $ab(a-b)$ ④ $x(a+b+c)$ ⑤ $5(y-3)$	NO.9 ① $(x+y)(x-y)$ ② $(3x+1)(3x-1)$ ③ $(x+7)(x-7)$ ④ $(5a+2b)(5a-2b)$ $(2+1/3)(2-1/3)$ ⑤	NO.10 ① $(+1)^2$ ② $(-2)^2$ ③ $(-8)^2$ ④ $(+6)^2$ ⑤ $(2-3)^2$
NO.11 ① $(x+1)(x+2)$ ② $(x+4)(x+2)$ ③ $(x+3)(x+8)$ ④ $(x-3)(x-6)$ ⑤ $(x-3)(x-1)$	NO.12 ① $(x+8)(x-1)$ ② $(x-6)(x+5)$ ③ $(x-6)(x+9)$ ④ $(x+1)(x-10)$ ⑤ $(x-3)(x+5)$	NO.13 ① $(x-1)(y+1)$ ② $(a-b)(x-y)$	NO.14 ① $5(x+3)(x-3)$ ② $4(+1)^2$ ③ $4(x-5)(x+2)$ ④ $(a-b+8)(a-b-8)$ ⑤ $(x+y+6)(x+y+3)$	NO.15 ① 800 ② 400 ③ 2000
NO.16 ① 10609 ② 9996 ③ 9801	NO.17 ① 16 ② 40000	NO.18 ① ± 5 ② ± 9 ③ $\pm\sqrt{5}$ ④ ± 1 ⑤ ± 0.3	NO.19 ① 4 ② -8 ③ 0.7 ④ 3/	NO.20 ① $\sqrt{8}$ ② $\sqrt{27}$ ③ $\sqrt{4}$ ④ $\sqrt{3}$ ⑤ $\sqrt{5/}$
NO.21 ① $2\sqrt{3}$ ② $2\sqrt{5}$ ③ $4\sqrt{2}$ ④ $6\sqrt{3}$ ⑤ $10\sqrt{3}$	NO.22 ① $\sqrt{30}$ ② $2\sqrt{3}$ ③ $3\sqrt{6}$ ④ $16\sqrt{3}$ ⑤ $6\sqrt{35}$	NO.23 ① $\sqrt{3}$ ② 4 ③ 5 ④ 3 ⑤ $\sqrt{6}$	NO.24 ① $\sqrt{3}$ ② $\sqrt{2}$ ③ $(2\sqrt{6})/\sqrt{15}$ ④ $\sqrt{30}/10$ ⑤	NO.25 ① $6\sqrt{3}$ ② -2 ③ $-(2\sqrt{$
NO.26 ① $5\sqrt{2}$ ② $2\sqrt{6}$ ③ $-2\sqrt{7}$ ④ $-\sqrt{2}$ ⑤ $8\sqrt{5}$	NO.27 ① $3\sqrt{3}$ ② $9\sqrt{3}$ ③ $-\sqrt{6}$	NO.28 ① $\sqrt{3}-3$ ② $\sqrt{15}+5\sqrt{3}$ ③ $4\sqrt{3}+4\sqrt{10}$ ④ $\sqrt{6}-2\sqrt{2}-4\sqrt{3}+8$ ⑤ $17-4\sqrt{10}$	NO.29 ① $3-2\sqrt{2}$ ② $2+2\sqrt{5}$ ③ 3 ④ $5-3\sqrt{2}$ ⑤ -2	NO.30 $\sqrt{3/2}, \sqrt{(3/2)}, 3/2, 3/\sqrt{2}$
NO.31 ① 6cm ② $6\sqrt{2}$ cm	NO.32 ① 8個 ② 3	NO.33 ① 6 ② 29	NO.34 ① $=\pm\sqrt{5}$ ② $x=\pm 3$ ③ $x=\pm 1$ ④ $=\pm\sqrt{3}/2$ ⑤	NO.35 ① $x=6, 0$ ② $x=6, -4$ ③ $x=-5$ ④ $-9\pm\sqrt{6}$ ⑤ $=1\pm\sqrt{15}$
NO.36 ① $x=\frac{-1\pm\sqrt{5}}{2}$ ② $x=\frac{(-3\pm\sqrt{17})}{4}$ ③ $x=\frac{(-5\pm\sqrt{1})}{3/2}$ ④ $x=\frac{1/3}{2} - \frac{1}{2}$	NO.37 ① $x=2, 1/3$ ② $=2\pm\sqrt{3}$ ③ $x=(3\pm\sqrt{15})/2$ ④ $x=(7\pm\sqrt{33})/2$	NO.38 ① 65 ② $x=-3$ ③ $x=1, y=-3$ ④ $4/\text{cm}^2$	NO.39 ① 3 ② $2x-11y$ ③ $-4x+10$ ④ $16\pi\text{cm}^2$	NO.40 ① 29 ② -1/ ③ $-1/2 + 4/3y$ ④ $36\pi\text{cm}^2$