/	解説
/	NO 1

中3　2次方程式 NO1
計算ステップ－①

NAME	A	B	C

Aコース

① $x^2=1$ ±1

② $x^2=144$ ±12

③ $x^2=0.16$ ±0.4

④ $x^2=\frac{4}{9}$ $\pm\frac{2}{3}$

⑤ $2x^2=32$ ±4

⑥ $3x^2=27$ ±3

⑦ $25x^2=16$ $\pm\frac{4}{5}$

⑧ $5x^2=80$ ±4

⑨ $x^2-4=0$ ±2

⑩ $x^2-49=0$ ±7

⑪ $9x^2-1=0$ $\pm\frac{1}{3}$

⑫ $9x^2-49=0$ $\pm\frac{7}{3}$

⑬ $x^2-6=10$ ±4

⑭ $2x^2-50=0$ ±5

⑮ $25x^2=49$ $\pm\frac{7}{5}$

Bコース

① $x^2=5$ $\pm\sqrt{5}$

② $x^2-10=0$ $\pm\sqrt{10}$

③ $x^2-12=0$ $\pm2\sqrt{3}$

④ $x^2-24=0$ $\pm2\sqrt{6}$

⑤ $2x^2-6=0$ $\pm\sqrt{3}$

⑥ $x^2-15=0$ $\pm\sqrt{15}$

⑦ $3x^2=54$ $\pm3\sqrt{2}$

⑧ $-3x^2=-24$ $\pm2\sqrt{2}$

⑨ $x^2-90=0$ $\pm3\sqrt{10}$

⑩ $x^2-19=1$ $\pm2\sqrt{5}$

⑪ $\frac{1}{2}x^2-20=0$ $\pm2\sqrt{10}$

⑫ $\frac{1}{3}x^2-9=0$ $\pm3\sqrt{3}$

⑬ $\frac{1}{2}x^2=27$ $\pm3\sqrt{6}$

⑭ $\frac{1}{3}x^2-15=0$ $\pm3\sqrt{5}$

⑮ $\frac{1}{4}x^2=11$ $\pm2\sqrt{11}$

Cコース

① $4x^2=3$ $\pm\frac{\sqrt{3}}{2}$

② $9x^2=5$ $\pm\frac{\sqrt{5}}{3}$

③ $27x^2=30$ $\pm\frac{\sqrt{10}}{3}$

④ $36x^2-7=0$ $\pm\frac{\sqrt{7}}{6}$

⑤ $2x^2-25=0$ $\pm\frac{5\sqrt{2}}{2}$

⑥ $64x^2=3$ $\pm\frac{\sqrt{3}}{8}$

⑦ $8x^2=13$ $\pm\frac{\sqrt{26}}{4}$

⑧ $-5+6x^2=0$ $\pm\frac{\sqrt{30}}{6}$

⑨ $100x^2=7$ $\pm\frac{\sqrt{7}}{10}$

⑩ $-24x^2=-32$ $\pm\frac{2\sqrt{3}}{3}$

⑪ $3x^2-\frac{6}{7}=0$ $\pm\frac{\sqrt{14}}{7}$

⑫ $12x^2-\frac{2}{3}=0$ $\pm\frac{\sqrt{2}}{6}$

⑬ $15x^2-\frac{3}{5}=0$ $\pm\frac{1}{5}$

⑭ $x^2-\frac{5}{12}=0$ $\pm\frac{\sqrt{15}}{6}$

⑮ $5x^2-7=0$ $\pm\frac{\sqrt{35}}{5}$