入試対策プリント（計算問題）71日目　（解答と解説）

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1 解答 (1) 19 (2) $\frac{1}{6}x$ (3) $-\sqrt{3}$ (4) $x=-1\pm 6\sqrt{2}$

(1) $(-4)^2-9\div(-3)=16+3=19$

(2) $6x^2y\times\frac{2}{9}y\div 8xy^2=\frac{6x^2y\times 2y}{9\times 8xy^2}$

$=\frac{1}{6}x$

(3) $\frac{1}{\sqrt{8}}\times 4\sqrt{6}-\sqrt{27}=\frac{1\times 4\sqrt{6}}{2\sqrt{2}}-3\sqrt{3}$

$=2\sqrt{3}-3\sqrt{3}$

$=-\sqrt{3}$

(4) $(x+1)^2=72$

$x+1=\pm 6\sqrt{2}$

$x=-1\pm 6\sqrt{2}$