

DATE 2024 .10

NO 三校教88

三校教作66

永中鍾定翔

ex.7

1) Pf: 任何平方数 $\equiv 0 \text{ or } 1 \pmod{3}$

$x \pmod{3}$	0	1	2
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$x^2 \pmod{3}$	0	1	1
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x^2	0	1	4
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2) Pf: 任何平方数 $\equiv 0 \text{ or } 1 \pmod{4}$

$x \pmod{4}$	0	1	2	3
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$x^2 \pmod{4}$	0	1	0	1
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x^2	0	1	4	9
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