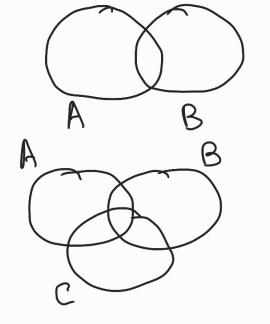
(enunap

Merog reatenatureckoù ungykjuu

1.
$$\forall n \in \mathbb{N}$$
: $n^3 + 14n \equiv 0 \mod 6$
2. $\exists agana \circ \times anoùevoù \exists aune}$
3. $t^2 + 2 + 3 + \dots + n^2 = \frac{n(n+4)(2n+1)}{6}$
4. $\forall n \in \mathbb{N}$: $7^n - 1 \equiv 0 \mod 6$
5. $\forall n \in \mathbb{N}$: $4^n + 15n - 1 \equiv 0 \mod 9$
6. $\forall n \in \mathbb{N}$: $10^n - 4^n + 3n \equiv 0 \mod 9$
7. $\forall n \geq 1, n \in \mathbb{N}$: $2^{2^n} + 1 \equiv 7 \mod 10$
8. $3 + 33 + 333 + \dots + 3 \dots 3 = \frac{10^n - 9n - 10}{27}$
9. $\forall n \in \mathbb{N}$: $n^3 + (n+1)^3 + (n+2)^3 \equiv 0 \mod 9$
10. $\forall n \in \mathbb{N}$: $n^3 + 5n \equiv 0 \mod 30$
11. $\forall n \in \mathbb{N}$: $n^3 + 5n \equiv 0 \mod 30$
12. $\forall n \in \mathbb{N}$: $n \in \mathbb{N}$: n



|AUB|= |A|+ |B|- |A 11B|

| AUBUC |= | A |+ |B |+ |C |-- |AnB |- | Anc |- | Bnc |+ |AnBnc |

B opranuzayun pasotavot 67 henegkund, Uz nux 48 zhavot anthunickuni, 35 henegkund, 27 osa szoka. Ckonoko cotpygnunde hezhavot hu ahra, hu henegkon zzoka?

- Bearo 67, H-35, A-48, P-20, HA-27, HP-11, AP-12, HAP-5, Cxorono ne gnevor Hu Au P?

- Сколько чисол от 1 go 100 не делитса на 5 и пе 7?