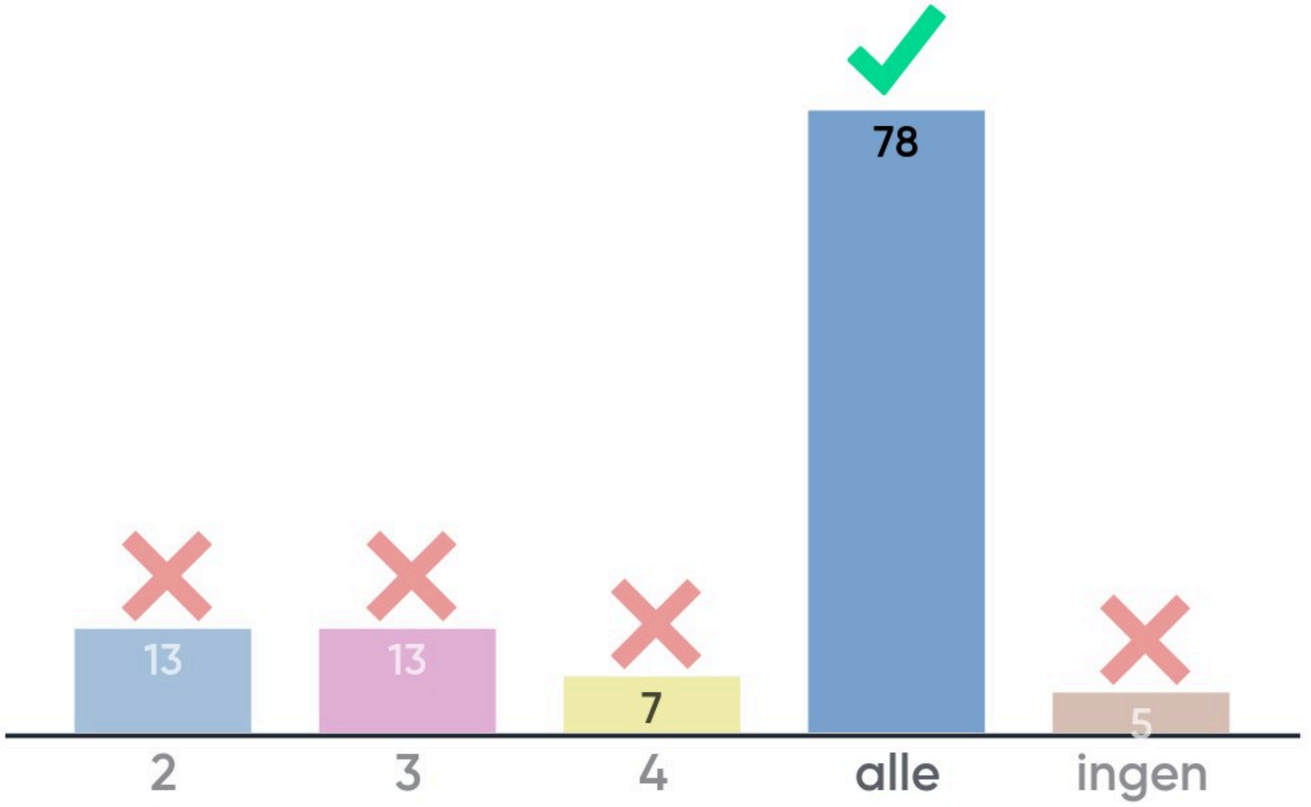
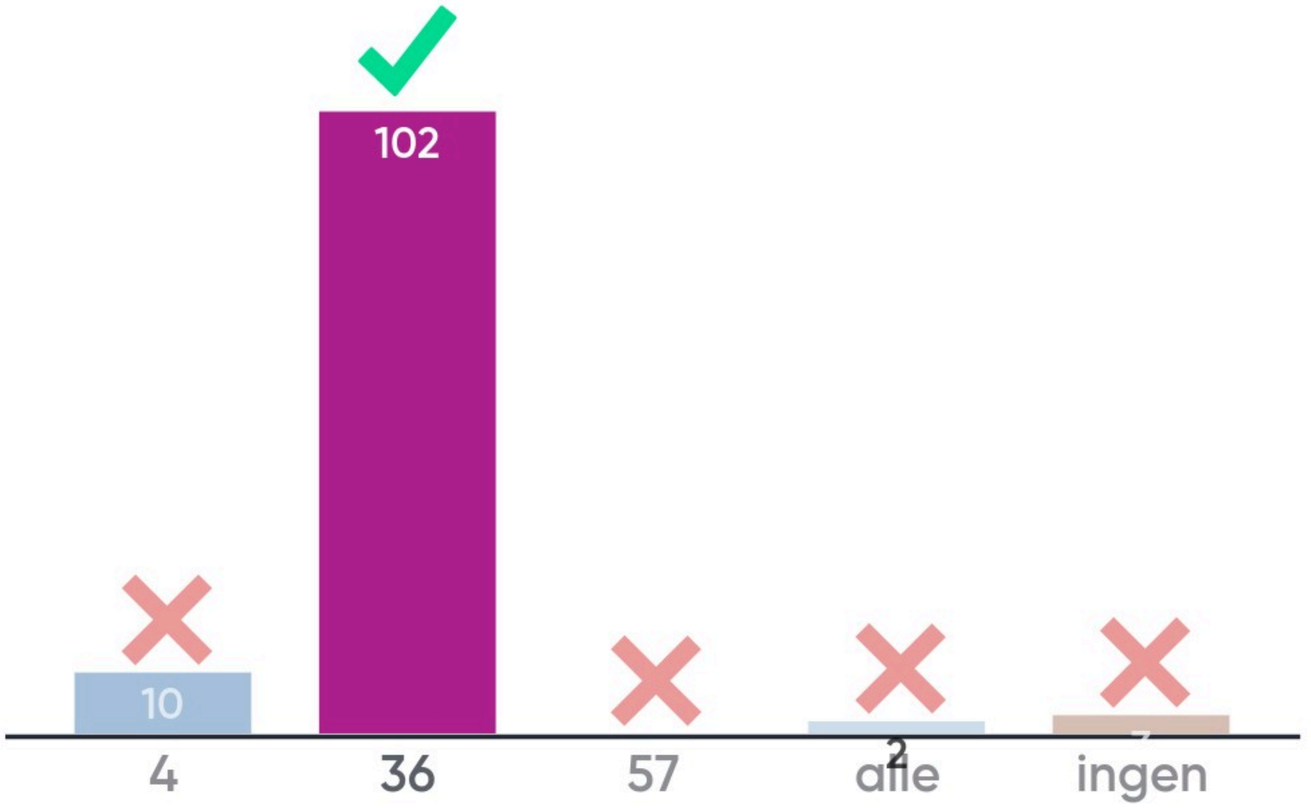
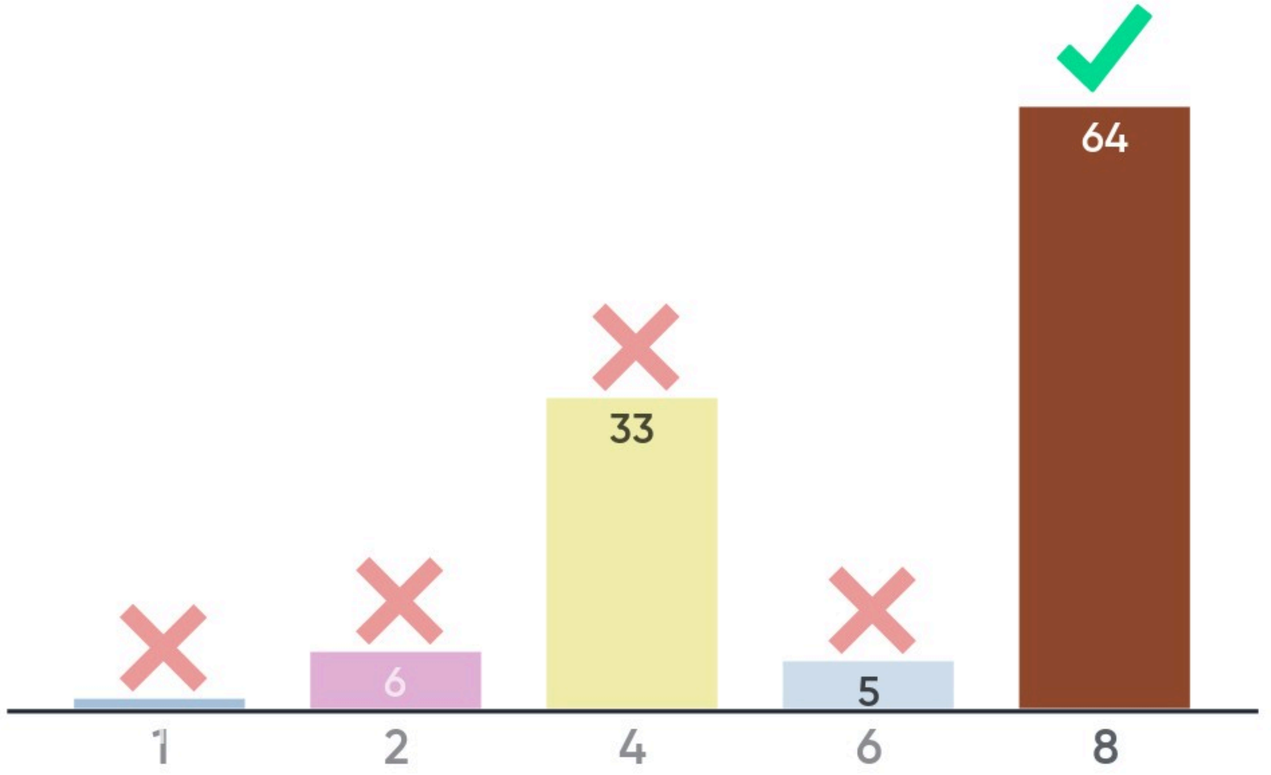
12 er delbart på



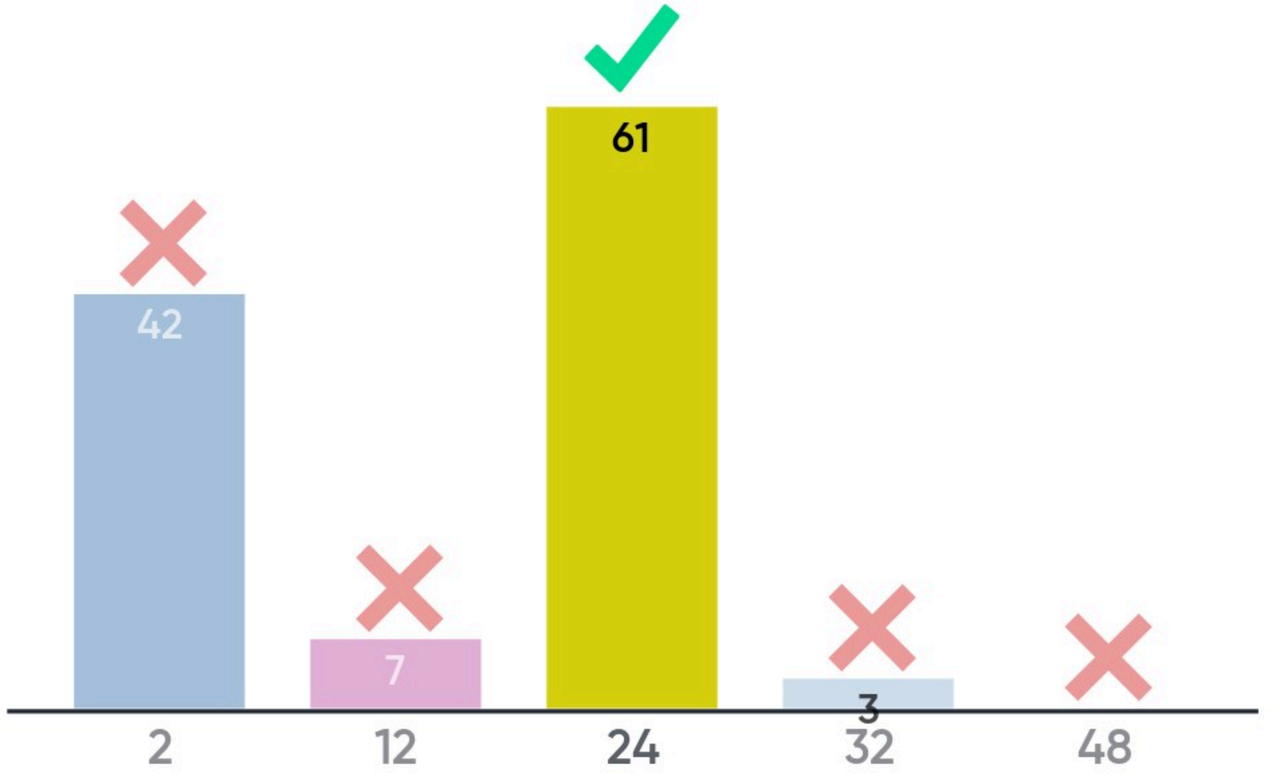
12 deler



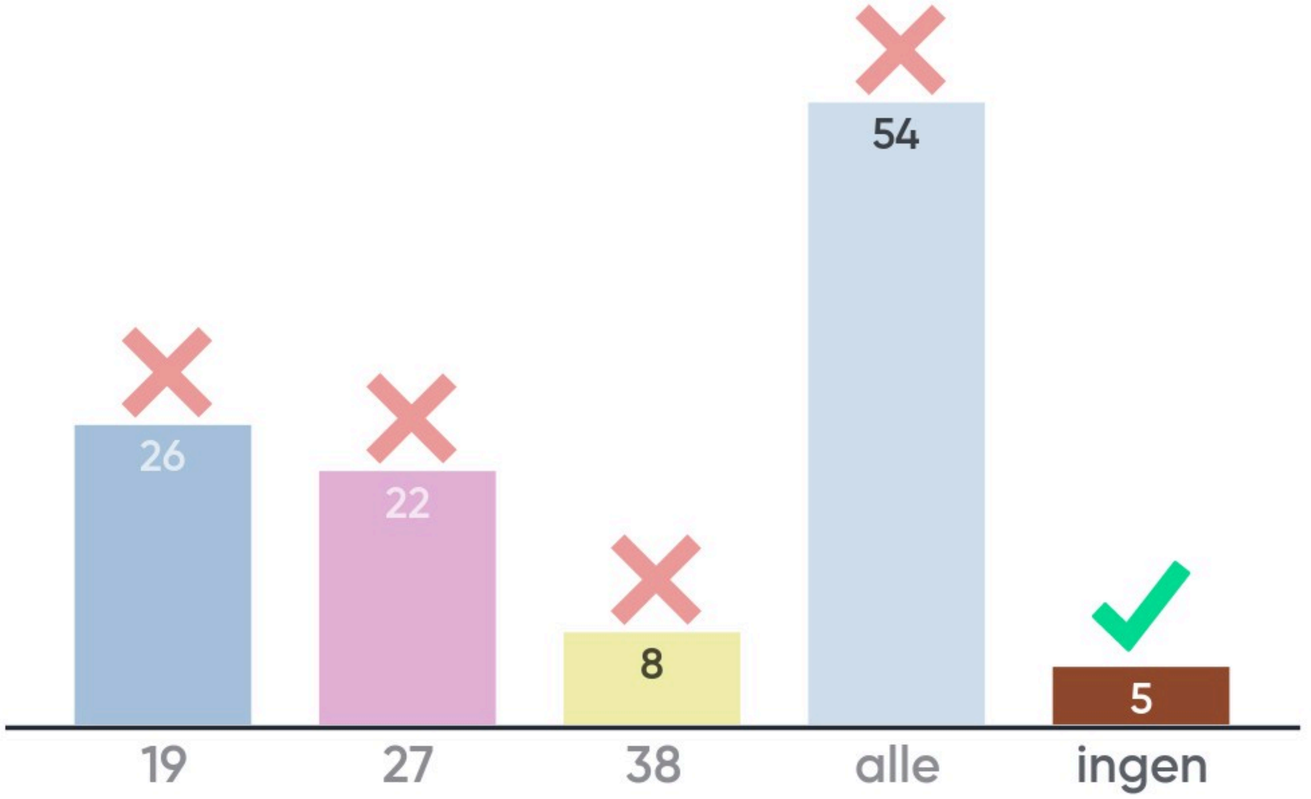
Største felles divisor $gcd(24, 40) = ?$



Minste felles multiplum: $lcm(6, 8) = ?$



57 er relativt primsk til:



Hvilken påstand er usann?

a) $a|b \wedge b|c \rightarrow a|c$

b) $a|b \wedge c|d \rightarrow a \cdot c|b \cdot d$

c) $m|a \cdot b \rightarrow m|a \vee m|b$

Hva er usant?

a) $m|a \cdot b \wedge m \perp a \rightarrow m|b$

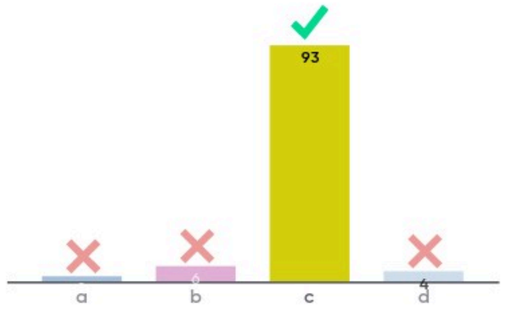
b) $m|a \wedge n|a \rightarrow m \cdot n|a$

c) $m \cdot n|a \rightarrow m|a \wedge n|a$

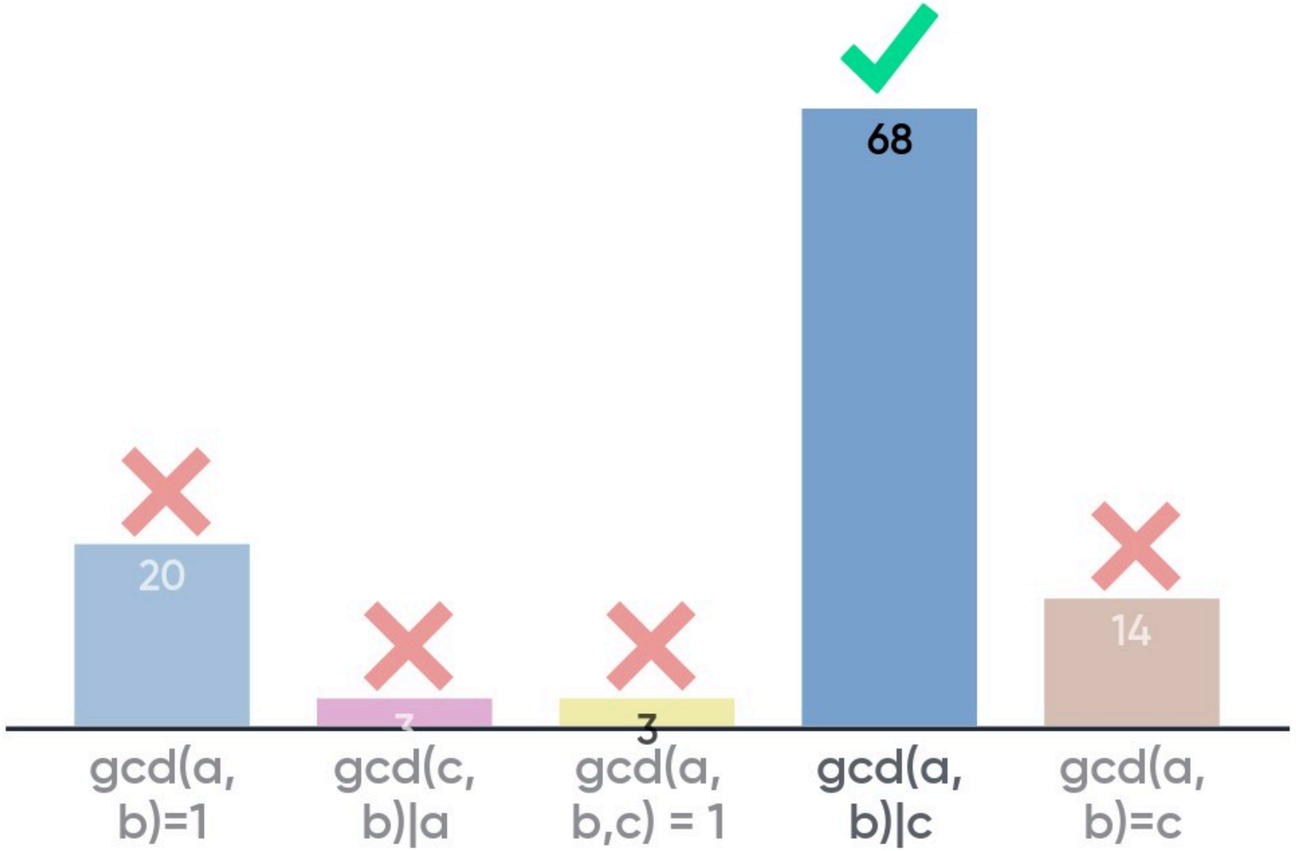
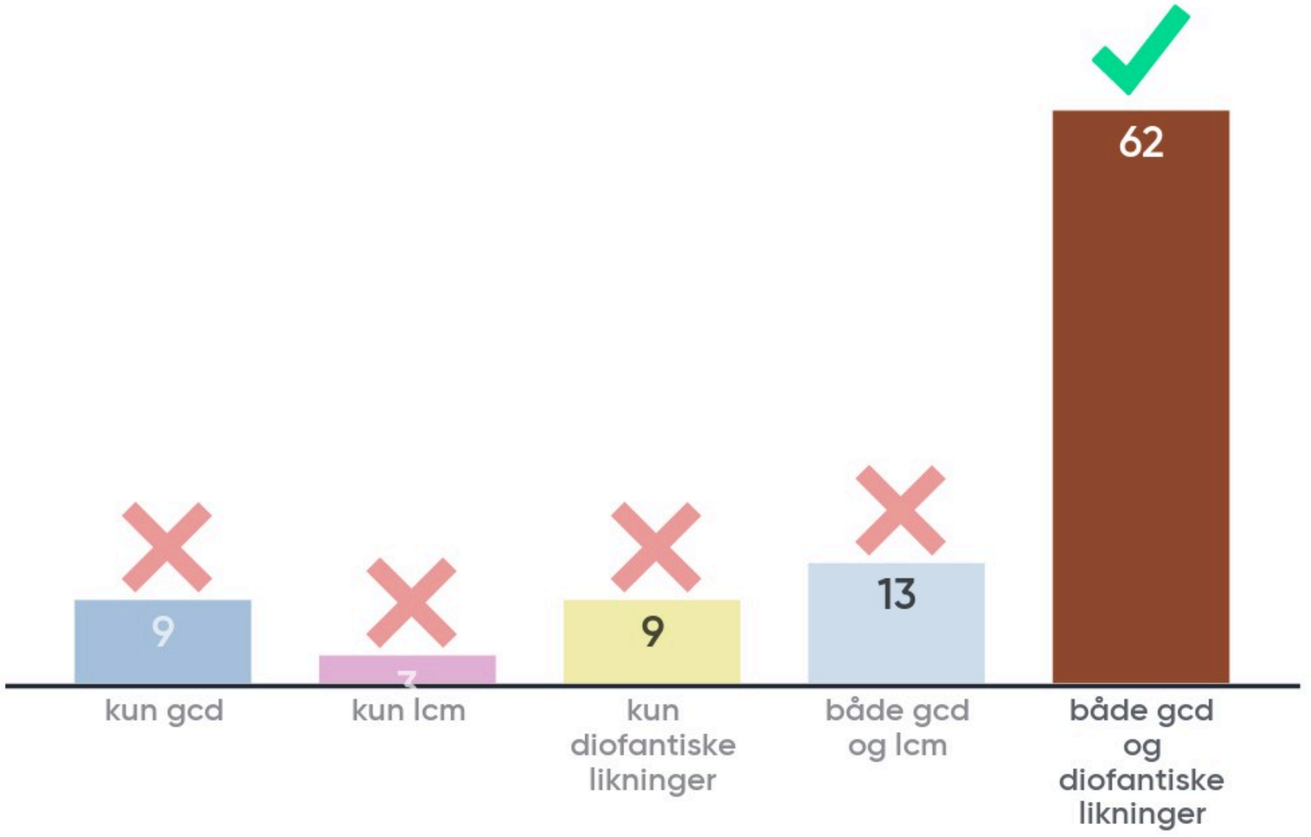
En diofantisk likning er på formen:

a) $ax + b = y$ **b)** $ax^2 + bx = c$

c) $ax + by = c$ **d)** $ax + by = cz$



$ax + by = c$ har en løsning hviss



Euklids utvidede algoritme beregner