> # $ithprime(h)^3 + ithprime(e)^3 + ithprime(r)^3 = X^3$ $H \cdot E$ $2019 - 12 - 27$:

> $c := 0$:**for** r **from** 1 **to** 200 **do for** e **from** $r + 1$ **to** 200 **do for** h **from** $e + 1$ **to** 200 **do** $x2 :=$

$ithprime(h)^3 + ithprime(e)^3 + ithprime(r)^3$:**if** $\text{floor}\left(evalf\left(x2^{\frac{1}{3}}\right)\right)^3 = x2$ **then** $c := c$

$+ 1 : print\left([ithprime(r)[no = c]]^3 + [ithprime(e)]^3 + [ithprime(h)]^3\right.$

$\left. = \left[simplify\left(x2^{\frac{1}{3}}\right)\right]^3\right)$ **fi:od:od:od**:

$$[11_{no=1}]^3 + [607]^3 + [751]^3 = [865]^3$$

$$[59_{no=2}]^3 + [163]^3 + [499]^3 = [505]^3$$

$$[59_{no=3}]^3 + [233]^3 + [1033]^3 = [1037]^3$$

$$[97_{no=4}]^3 + [269]^3 + [1061]^3 = [1067]^3$$

$$[193_{no=5}]^3 + [461]^3 + [631]^3 = [709]^3$$

$$[349_{no=6}]^3 + [379]^3 + [383]^3 = [535]^3$$

$$[577_{no=7}]^3 + [797]^3 + [911]^3 = [1133]^3$$

$$[599_{no=8}]^3 + [691]^3 + [823]^3 = [1033]^3$$

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