

13th Avenue

Smith lives in 13th Avenue which has houses numbered from 13 to 1300. Jones wants to know the number of Smith's house.

Jones asks: "Is it less than 500?"

Smith answers, but he lies.

Jones asks: "Is it a perfect square?"

Smith answers, but he lies.

Jones asks: "Is it a perfect cube?"

Smith answers, and he tells the truth.

Jones says: "If I knew whether the second figure was 1, I could tell you the number of the house".

Smith tells him, and Jones announces the number of the house, but he is wrong.

What was the number of Smith's house?

1300

CRAM