

6 Deepwater Ave
Massapequa, NY 11758

5 beds, 3 baths, 2,566 sq ft
For Sale: \$599,999

Taxes: \$7,400



1635 Howard Pl North Baldwin, NY 11510

3 beds, 2 baths, 1,880 sq ft

For Sale: \$429,000

Taxes \$15,500



You wish to purchase ^{one of} ~~these~~ houses. The bank requires a 30% down payment for a 30-year mortgage at 4.25% interest.

- Calculate the down payment.
- How much money are you mortgaging?
- What ~~are~~ the monthly mortgage payments?
- How much in interest will you pay over the 30-year mortgage ~~for each house?~~
- Including the taxes, how much is the monthly payment to the bank?

(f) Which house is the better deal?

TI-84 PLUS C Silver Edition
 TEXAS INSTRUMENTS
 NORMAL FLOAT AUTO REAL DEGREE MP
 599999*.30
 179999.7
 599999-Ans
 419999.3

TEXAS INSTRUMENTS
 NORMAL FLOAT AUTO REAL DEGREE MP

$$\text{Ans} \left(1 + \frac{.0425}{12} \right)^{12*30} * \frac{.0425}{12}$$

$$\left(1 + \frac{.0425}{12} \right)^{12*30} - 1$$
 2066.144099
 2066.14*12*30
 743810.4
 Ans-419999.3
 323811.1

NORMAL FLOAT AUTO REAL DEGREE MP

$$\left(1 + \frac{.0425}{12} \right)^{12*30} - 1$$
 2066.144099
 2066.14*12*30
 743810.4
 Ans-419999.3
 323811.1
 2066.14+7400/12
 2682.806667

NORMAL FLOAT AUTO REAL DEGREE MP
 429000*.30
 128700
 429000-Ans
 300300

NORMAL FLOAT AUTO REAL DEGREE MP

$$\text{Ans} \left(1 + \frac{.0425}{12} \right)^{12*30} * \frac{.0425}{12}$$

$$\left(1 + \frac{.0425}{12} \right)^{12*30} - 1$$
 1477.295493
 1477.30*12*30
 531828
 Ans-300300
 231528

TEXAS INSTRUMENTS
 NORMAL FLOAT AUTO REAL DEGREE MP

$$\left(1 + \frac{.0425}{12} \right)^{12*30} - 1$$
 1477.295493
 1477.30*12*30
 531828
 Ans-300300
 231528
 1477.30+15500/12
 2768.966667