## Answer to Question \#38592-Math - Other:

## Question.

What should be the purchase price of a $\$ 1,000$ bond redeemable at 105 and bearing semi-annual coupons at $9.75 \%$, if it is sold two years before maturity and money is worth $11 \%$, compounded annually?

Solution.

| V | purchase price | $?$ |
| :--- | :--- | ---: |
| C | redemption price | 105 |
| R | periodic interest payment | $9,75 \%$ |
| n | time in periods to maturity | 4 |
| i | yield rate | $11 \%$ |
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