

## 4.3 Model With Formulas pp174-83

Rearrange each formula to solve for the indicated variable.

Nov 9-12:01 PM

1 Solve the following for L

$$A = L \times W \quad \text{or} \quad L \times W = A$$

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2 Solve the following for t .

$$d = st \quad \text{or} \quad st = d$$

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Solve for b

$$y = mx + b \quad \text{or} \quad b + mx = y$$

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2 Interest = principal x rate x time

$$I = P r t$$

Solve for the rate(r).

$$I = P r t$$

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3) Solve for the width ( w )

$$P = 2L + 2W$$

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4) Use the simple interest formula to determine how long  
\$ 3000 would have to be invested at 0.5% to earn \$ 180 in  
interest .

$I = P r t$                        $0.5\% = 0.005$

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# 1, 2, 3 ,4 ,7, Try 14

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Mar 14-7:11 PM