

13.4 Disability Insurance

Pg 495

$$\text{Annual Disability Benefit} = \left(\frac{\text{years worked}}{12} + \frac{\text{EXP. Ret Age} - \text{Present Age}}{12} \right) \times \text{Rate} \times \text{Final Avg Salary}$$

Ex #1. $D = (\text{yr} + \text{ret.} - \text{P. Age}) \times R \times \text{Avg Sal.}$

$$(21 + 65 - 52) \times .02 \times 88,740$$

$$34 = .02 \times 88,740$$

$$\frac{\$60,343.20}{12} = \boxed{\$5028.60}$$

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① $D = (\text{yr} + \text{ret} - \text{Age}) \times R \times \text{Sal}$

$$(15 + 60 - 50) \times .018 \times 47,800$$

$$25 = .018 \times 47,800$$

$$\frac{\$21,510}{12} = \boxed{1,792.50}$$

2.) $(20 + 65 - 60) \times .02 \times 40,000 = a) \frac{\quad}{12} b) \quad$

8) $\frac{48,960 + 51,400 + 53,900 + 55,500 + 56,100}{5} = \quad$

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