## EXTEND YOUR UNDERSTANDING

Suppose that a single taxpayer's wages are $w$ dollars and taxable interest is $d$ dollars. Write an algebraic expression for the taxpayer's taxable income.

## EXAMPLE 2

What is Elizabeth's tax?
SOLUTION Through employer withholding, Elizabeth has already paid $\$ 15,884$ in federal taxes. She must use the tax tables to determine the tax she owes. From the tax table, Elizabeth owes $\$ 15,250$. She enters her income tax withheld from her W-2 and the tax table amount in the payments and tax section of the tax form as shown.

| Payments and tax | 7 | Federal income tax withheld from box 2 of your Form(s) W-2. |  | 7 | \$15,884 | 00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 a | Earned income credit (EIC) (see page 12). |  | 8 a | 0 | 00 |
|  | $b$ | Nontaxable combat pay election. 8b | 9 |  |  |  |
|  | 9 | Recovery rebate credit (see worksheet on pages 17 and 18). |  |  |  |  |
|  | 10 | Add lines 7, 8a, and 9. These are your total payments. | - | 10 | \$15,884 | 00 |
|  | 11 | Tax. Use the amount on line 6 above to find your tax in the tax table on pages 28-36 of the booklet. Then, enter the tax from the table on this line. |  | 11 | \$15,250 | 00 |

## CHECK YOUR UNDERSTANDING

Suppose that Elizabeth had been filing as married filing jointly with her husband, and their combined taxable income was the same as reported on line 6 . Why is that tax lower?

| If Form 1040EZ, line 6, is- |  | And you are- |  |
| :---: | :---: | :---: | :---: |
| At least | But less than | Single | Married filing jointly |
|  |  | Your tax is- |  |
| 75,000 |  |  |  |
| 75,000) | 75,050 | 15,100 | 11,444 |
| 75,050 | 75,100 | 15,113 | 11,456 |
| 75,100 | 75,150 | 15,125 | 11,469 |
| 75,150 | 75,200 | 15,138 | 11,481 |
| 75,200 | 75,250 | 15,150 | 11,494 |
| 75,250 | 75,300 | 15,163 | 11,506 |
| 75,300 | 75,350 | 15,175 | 11,519 |
| 75,350 | 75,400 | 15,188 | 11,531 |
| 75,400 | 75,450 | 15,200 | 11,544 |
| 75,450 | 75,500 | 15,213 | 11,556 |
| 75,500 | 75,550 | 15,225 | 11,569 |
| 75,550 | 75,600 | 15,238 | 11,581 |
| 75,600 | 75,650 | 15,250 | 11,594 |
| 75,650 | 75,700 | 15,263 | 11,606 |
| 75,700 | 75,750 | 15,275 | 11,619 |
| 75,750 | 75,800 | 15,288 | 11,631 |
| 75,800 | 75,850 | 15,300 | 11,644 |
| 75,850 | 75,900 | 15,313 | 11,656 |
| 75,900 | 75,950 | 15,325 | 11,669 |
| 75,950 | 76,000 | 15,338 | 11,681 |

