

**LESSON**  
**2-2 Homework and Practice**  
**Translate Between Words and Math****Write an expression.**

1. Steven has twice as many CDs as he has DVDs. If  $d$  represents the number of DVDs Steven has, write an expression for the number of CDs Steven has. \_\_\_\_\_
2. The longest snake is a reticulated python. The reticulated python is 35 feet long. The next longest snake is the anaconda. Let  $a$  represent the length of an anaconda. Write an expression for the difference between the two snake lengths. \_\_\_\_\_

**Write each phrase as a numerical or algebraic expression.**

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|--------------------------------------|---|---|
| 3. 26 added to 10<br>_____           | 4. 9 less than $b$<br>_____               | 5. 5 times 6<br>_____                   |
| 6. the product of 8 and $z$<br>_____ | 7. the difference of 100 and $c$<br>_____ | 8. the quotient of 200 and $a$<br>_____ |
| 9. 9 plus $g$<br>_____               | 10. $K$ divided by 19<br>_____            | 11. 28 multiplied by $p$<br>_____       |

**Write two phrases for each expression.**

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|--|---|---|
| 12. $w - 2$<br>_____<br>_____<br>_____ | 13. $15 + 5$<br>_____<br>_____<br>_____ | 14. $96(69)$<br>_____<br>_____<br>_____ |
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| 15. Michelle has 10 dollars more than Amy does. If $a$ represents the amount of money Amy has, what expression represents the amount of money Michelle has?<br><br>_____ | 16. Adrian has half as much money as Eric does. If $e$ represents the amount of money Eric has, what expression shows the amount of money Adrian has?<br><br>_____ |
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