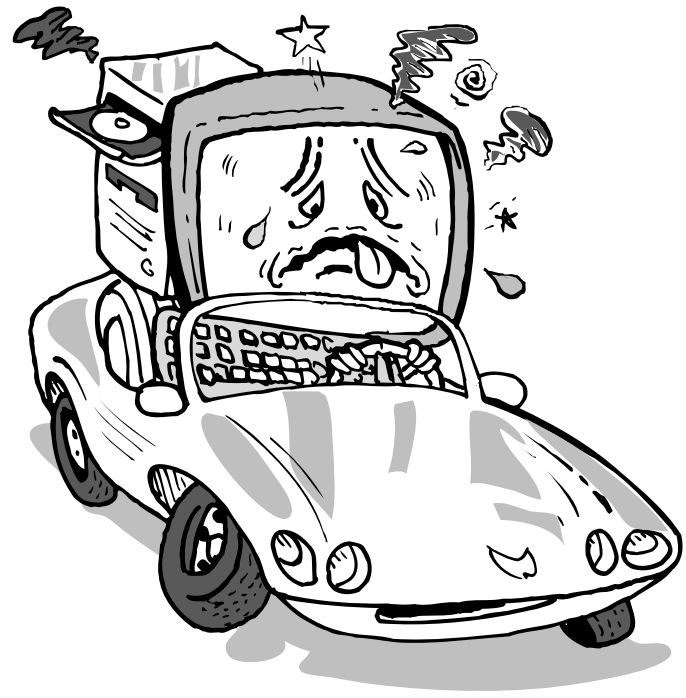


LESSON **Puzzles, Twisters & Teasers**
1-2 **Explore Your Power Base!**

Why was the computer tired when it got home?

To find out, solve each problem. Write the letter on the line above the correct answer at the bottom of the page. Each answer must match exactly. Some letters will not be used.

- E $3^4 =$ _____
- T 49, base 7 = _____
- K $10^3 =$ _____
- B 81, base 9 = _____
- I $2^6 =$ _____
- D $5^2 =$ _____
- W $18^1 =$ _____
- C 25, base 5 = _____
- A 27, base 3 = _____
- H $14^0 =$ _____
- V $12^2 =$ _____
- R 256, base 4 = _____
- O 216, base 6 = _____
- U $5^3 =$ _____
- S $6^2 =$ _____



- | | | | | | | | | | | | |
|----------------|----|----------------|----------------|-----|----|----------------|----|----------------|----|----------------|----|
| 9 ² | 81 | 5 ² | 3 ³ | 125 | 36 | 81 | 64 | 7 ² | 1 | 3 ³ | 25 |
| 3 ³ | 1 | 3 ³ | 4 ⁴ | 25 | 25 | 4 ⁴ | 64 | 144 | 81 | | |