## Multiplying a Decimal by a Whole Number

Travis can read a book chapter in 2.6 hours. The book has 18 chapters. How long will it take Travis to read the book?

| Step 1. Use powers of 10 |
| :--- | ---: | ---: | ---: |
| to multiply as you |
| would with whole |
| numbers. | | Step 2. Divide the whole |
| ---: | :--- |
| number answer |
| by $10^{1}$ so that |
| the number of |$\quad$| Step 3. Use reasoning |
| :--- |
| to check your |
| answer. Since |

It will take Travis 46.8 hours to read the book.

For questions $\mathbf{1}$ through 3, find the product.

1. 2.3
$\begin{array}{r}\times \quad 6 \\ \hline\end{array}$
2. 71.7
$\begin{array}{r}712 \\ \hline\end{array}$
3. 0.89
0.21
$\times \quad$
4. Sara is making pillows. Each pillow requires 1.7 yards of fabric.

How many yards of fabric will Sara need to make 9 pillows?
5. Light bulbs usually cost $\$ 2$. They are on sale for 0.50 of the regular price. What is the sale price? Is this a better price than if the sale price were 0.35 of the regular price?

