a) Draw counters on the place value charts to represent each calculation.
$4.4 \times 1$

| Th | H | T | O | Tth | Hth |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

$4.4 \times 10$

| Th | H | T | O | Oth | Hth |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

$4.4 \times 100$

| Th | H | T | O | Tth | Hth |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

$4.4 \times 1,000$

| Th | H | T | O | Tth | Hth |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

b) Complete the calculations.


What do you notice?

4 Complete the calculations.
a) $13.44 \times 10=$ $\square$
d) $4.4 \times$ $\square$ $=4,400$
b) $41.4 \times 100=$ $\square$
e) $\square$ $=1.03 \times 100$
c) $0.415 \times 1,000=$ $\square$
f) $30.44=$ $\square$ $\times 10$

5 Complete the diagrams.


What do you notice? Why does this happen?
$\qquad$
$\qquad$
$\qquad$
$\qquad$

6 Write $>,<$ or $=$ to compare the number sentences.


7 Kim is calculating $14.3 \times 200$
She writes this as her answer.

$$
14.3 \times 200=28.600
$$

Explain Kim's mistake.
$\qquad$
$\qquad$

8 Use the cards to complete the calculation. You can use each card more than once.


How many ways is it possible to complete this calculation? Talk about it with a partner.

