a) Draw counters to represent the calculations.
$123 \div 1$

| $H$ | T | 0 | Tth | Hth | Thth |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 0 | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |

$123 \div 10$

| $H$ | $T$ | 0 | Tth | Hth | Thth |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $O$ | 0 | 0 |  | $\rightarrow$ |  |
|  |  |  |  |  |  |

$123 \div 100$

| $H$ | $T$ | 0 | Tth | Hth | Thth |
| :---: | :---: | :---: | :---: | :---: | :---: |
| O | O O | O |  |  |  |
|  |  | 0 |  |  |  |

$123 \div 1,000$
$123 \div 1,000$

| $H$ | T | 0 | Tth | Hth | Thth |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $O$ | 0 | $O$ |  |  | $\rightarrow$ |

b) Complete the calculations.

What do you notice?


Complete the calculations and sentences.
Use place value counters to help you.

| Th | $H$ | $T$ | $O$ | Tth | Hth |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\bigcirc$ | $O$ |  |  |  |
|  |  | $O$ |  |  |  |

a) $140 \div 10=$ $\square$
When the number is divided by 10 the counters move
 place to the right.
b) $140 \div 100=$ $\square$
When the number is divided by 100 the counters move

places to the right.
c) $140 \div 1,000=0 \cdot 14$

When the number is divided by 1,000 the counters move places to the right.
(2) Complete the diagram.

$\qquad$
(4) Complete the calculations.
a) $16 \div 10=1.6$
b) $43.4 \div 100=0.434$
c) $614 \div 1,000=0.614$
d) $332 \div 1,000=0.332$
e) $2.4 \div 200=0.012$
f) $5.09=101.8 \div 20$
(5) Complete the diagrams.


What do you notice? Why does this happen?
They all gwe the same final answer because $10 \times 10 \times 10=100 \times 10=1,000$

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


7 Dexter is solving the calculation $5,400 \div 100$


Is Dexter correct? Yes
Explain your reasoning.
54.00 is the same as 54
(8) Rosie is solving the calculation $3,600 \div 200$


Explain your reasoning.
She has divide by 100 twice ( 10,000 ) she showd
have divided by 100 then 2 to give an answer of. 18

