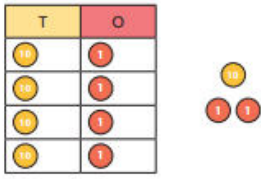


Red Challenge

Dexter is working out $56 \div 4$ using a place value chart.



a)

I can't do it because I have counters left over.



Do you agree with Dexter? _____

Explain your answer.

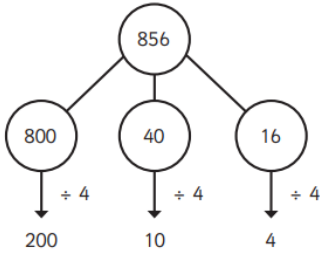
Calculation

Place Value Counters

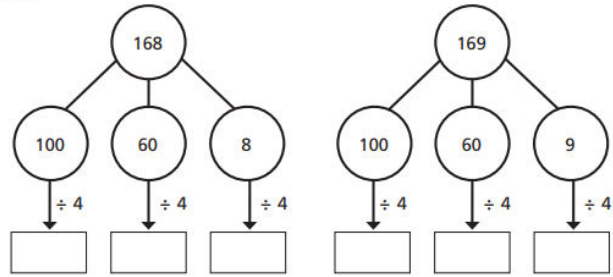
Part-Whole Model

<p>a)</p> $408 \div 4 =$ <input type="text"/>	<table border="1"> <tr> <th>H</th> <th>T</th> <th>O</th> </tr> <tr> <td>400</td> <td></td> <td>8</td> </tr> </table>	H	T	O	400		8	$408 \div 4 =$ <input type="text"/> $400 \div 4 =$ <input type="text"/> $8 \div 4 =$ <input type="text"/>		
H	T	O								
400		8								
<p>b)</p> <input type="text"/> $\div 3 =$ <input type="text"/>	<table border="1"> <tr> <th>H</th> <th>T</th> <th>O</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	H	T	O				<input type="text"/> \div <input type="text"/> $=$ <input type="text"/> $600 \div 3 =$ <input type="text"/> $7 \div 3 =$ <input type="text"/> $30 \div 3 =$ <input type="text"/>		
H	T	O								
<p>c)</p> <input type="text"/> \div <input type="text"/> $=$ <input type="text"/>	<table border="1"> <tr> <th>H</th> <th>T</th> <th>O</th> <th>R</th> </tr> <tr> <td>400</td> <td>10 10 10 10</td> <td>8</td> <td>1</td> </tr> </table>	H	T	O	R	400	10 10 10 10	8	1	<input type="text"/> \div <input type="text"/> $=$ <input type="text"/> <input type="text"/> \div <input type="text"/> $=$ <input type="text"/> <input type="text"/> \div <input type="text"/> $=$ <input type="text"/> <input type="text"/> \div <input type="text"/> $=$ <input type="text"/>
H	T	O	R							
400	10 10 10 10	8	1							

Whitney is using flexible partitioning to divide a 3-digit number.



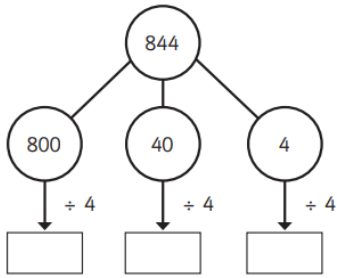
6 Complete the part-whole models and divisions.



$168 \div 4 =$

$169 \div 4 =$

Eva is working out $844 \div 4$ using a part-whole model.



Complete Eva's method.

$844 \div 4 =$

Use Jack's method to work out these divisions.

a) $525 \div 5 =$

c) $840 \div 8 =$

b) $636 \div 6 =$

d) $903 \div 3 =$