1 Whitney is working out \( 49 \div 4 \) using a place value chart.

<table>
<thead>
<tr>
<th>Tens</th>
<th>Ones</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>1 1</td>
</tr>
<tr>
<td>10</td>
<td>1 1</td>
</tr>
<tr>
<td>10</td>
<td>1 1</td>
</tr>
<tr>
<td>10</td>
<td>1 1</td>
</tr>
</tbody>
</table>

a) Talk about Whitney’s method with a partner.
b) Why is there one counter left over?

c) Complete the division.
\[ 49 \div 4 = \]
d) Use place value counters to complete the divisions.
\[ 50 \div 4 = \]
\[ 51 \div 4 = \]

What do you notice?

2 Complete the divisions.
a) \( 47 \div 3 = \) 
e) \( 49 \div 6 = \)
b) \( 26 \div 5 = \) 
f) \( 47 \div 4 = \)
c) \( 89 \div 4 = \) 
g) \( 74 \div 3 = \)
d) \( 32 \div 5 = \) 
h) \( 81 \div 7 = \)

3 Complete the divisions.
a) \( 36 \div 4 = \) 
c) \( 45 \div 3 = \)
b) \( 70 \div 5 = \) 
d) \( 92 \div 4 = \)
c) \( 37 \div 4 = \) 
\[ 46 \div 3 = \]
c) \( 38 \div 4 = \) 
\[ 47 \div 3 = \]
c) \( 39 \div 4 = \) 
\[ 48 \div 3 = \]
c) \( 40 \div 4 = \) 
\[ 49 \div 3 = \]
b) \( 71 \div 5 = \) 
\[ 91 \div 4 = \]
b) \( 72 \div 5 = \) 
\[ 90 \div 4 = \]
b) \( 73 \div 5 = \) 
\[ 89 \div 4 = \]
b) \( 74 \div 5 = \) 
\[ 88 \div 4 = \]
4. Dora has been working out some divisions.

\[
\begin{align*}
72 \div 4 &= 18 \\
73 \div 4 &= 18 \text{ r}1 \\
74 \div 4 &= 18 \text{ r}2 \\
75 \div 4 &= 18 \text{ r}3
\end{align*}
\]

I know without working it out that \(76 \div 4\) must be \(18 \text{ r}4\)

a) Why does Dora think this?

____________________________________________________________________________________

____________________________________________________________________________________

b) Explain why Dora is wrong.

____________________________________________________________________________________

____________________________________________________________________________________

5. Eggs come in boxes of 6
Annie has 75 eggs.
She wants to know how many boxes she can fill.

a) Complete the division to work it out.

\[
\_
\_
\div \_
\_
= \_
\_
\text{ r } \_
\_
\]

b) What does the remainder represent?
Talk about it with a partner.

c) Complete the sentence.
Annie can fill \_
\_
boxes with \_
\_
eggs left over.

6. Jack has these bulbs.

Equal numbers of each bulb are put into 4 tubs.
How many of each bulb will be in each tub?

Daffodils \_
\_

Tulips \_
\_

Crocuses \_
\_

Daffodils \_
\_

Tulips \_
\_

Crocuses \_
\_

How many of each bulb will be left over?

Daffodils \_
\_

Tulips \_
\_

Crocuses \_
\_

How many tubs could Jack use so that there are no bulbs left over?