(1) The ten frames show that $6+7$ is the same as $10+3$


Draw counters to show that $5+6$ is the same as $10+1$

2) Complete the additions.

Use ten frames to help you.
a) $8+3=10+$ $\square$
b) $9+7=10+\square$
c) $7+5=10+\square$
d) $6+8=10+\square$

3 Use number bonds to complete the additions. The first one has been done for you.


10
5
$=15$
b)

c)


I Cross out counters to work out the subtractions.
a)

b)

c)

2) Teddy has these shapes.


He gives Eva 3 cones.
How many cones does Teddy have left?


Teddy has $\square$ cones left.

3 Complete the subtractions.
a) $13-2=$
$\square$
c) $15-4=\square$
b) $14-3=\square$
d) $16-5=\square$

What do you notice?
Use this to fill in the missing numbers.


# Subtraction - not crossing 10 

 (counting back)1. Ron uses a number track to work out 15 - 3

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |



Use the number tracks to help you work out the subtractions.


| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

b) $15-4=\square$

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

c) $14-4=\square$

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

2 Use the number lines to help you.
a) $16-5=\square$

b) $18-4=\square$

c) $19-5=\square$

3) Sam uses a number line to work out a subtraction.

$\begin{array}{lllllllllll}10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20\end{array}$

Complete Sam's subtraction.


1) There are 15 cookies in a jar. Mo eats 7 cookies. He counts back 7 from 15


How many cookies does Mo have left?
2) Use the number tracks to help you.


| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

b) $12-5=\square$

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

c) $12-7=\square$

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

3) Use the number lines to help you.
a) $11-4=\square$

b) $16-9=\square$

c) $14-11=\square$

| $\mid$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

4. There are 13 toys in a box.

Kim takes some toys out of the box.
There are 5 toys left in the box.


How many toys does Kim take out of the box?


Kim takes

toys out of the box.

