

EYFS

Subtraction

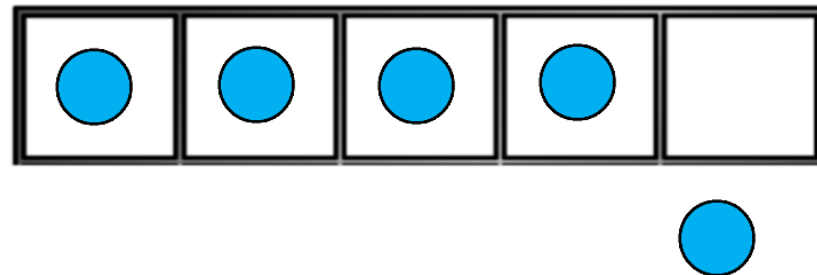
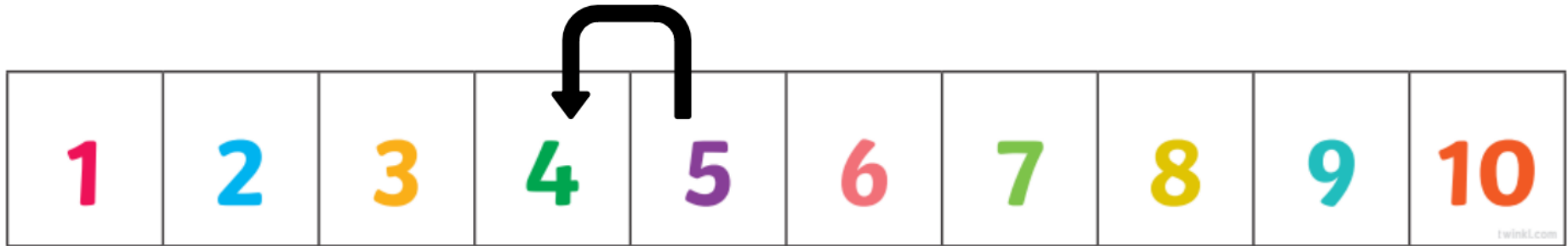
Stages



# Stage 1:

counting back to  
find one less.

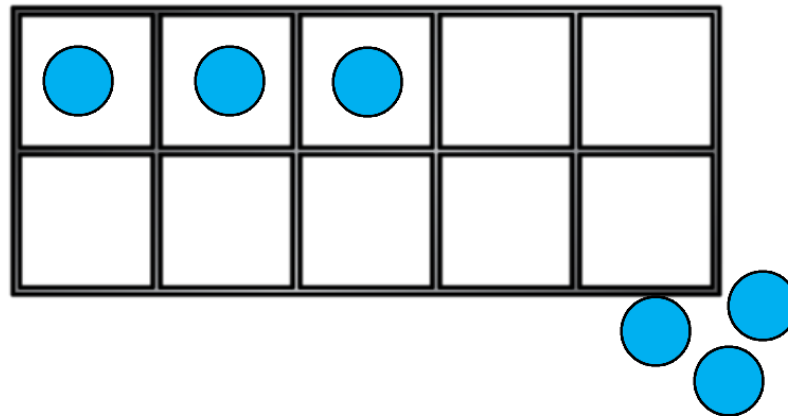
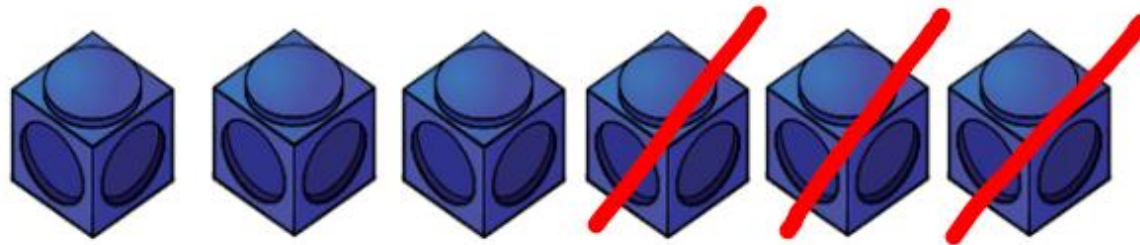
*“One less than 5 is 4.”*



# Stage 2:

subtraction  
within 10.

$$6 - 3 = 3$$



KSI

Subtraction

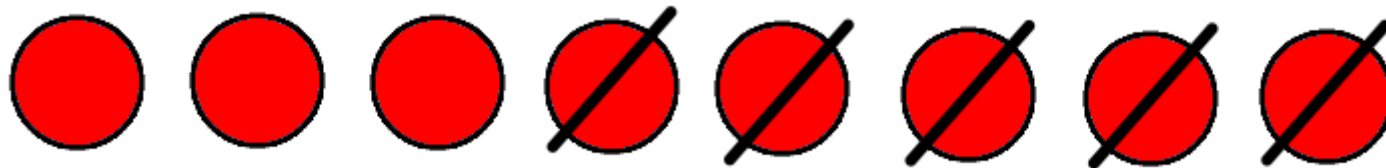
Stages



# Stage 3:

subtracting  
using objects.

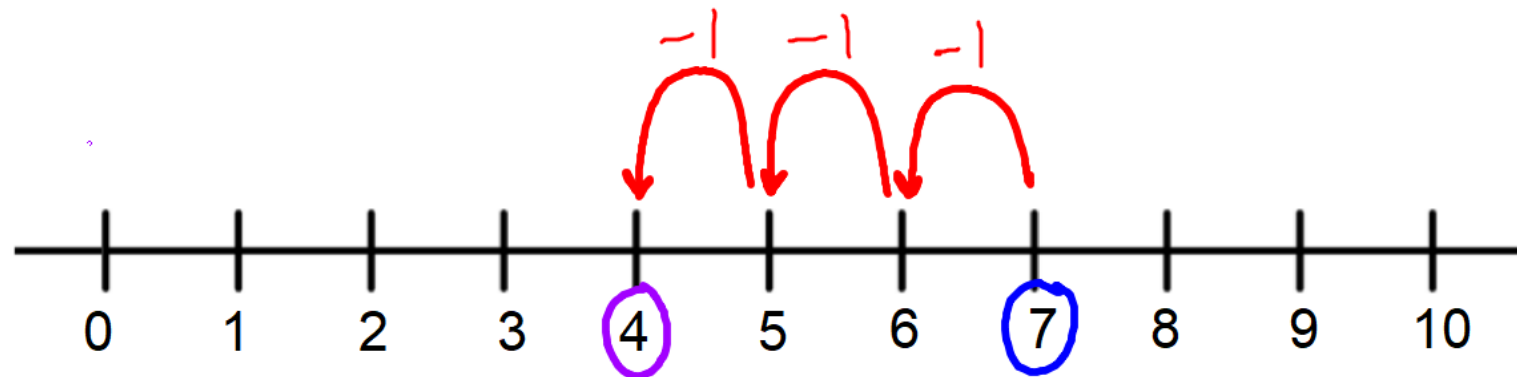
$$8 - 5 = 3$$



# Stage 4:

counting back  
in ones on a  
number line.

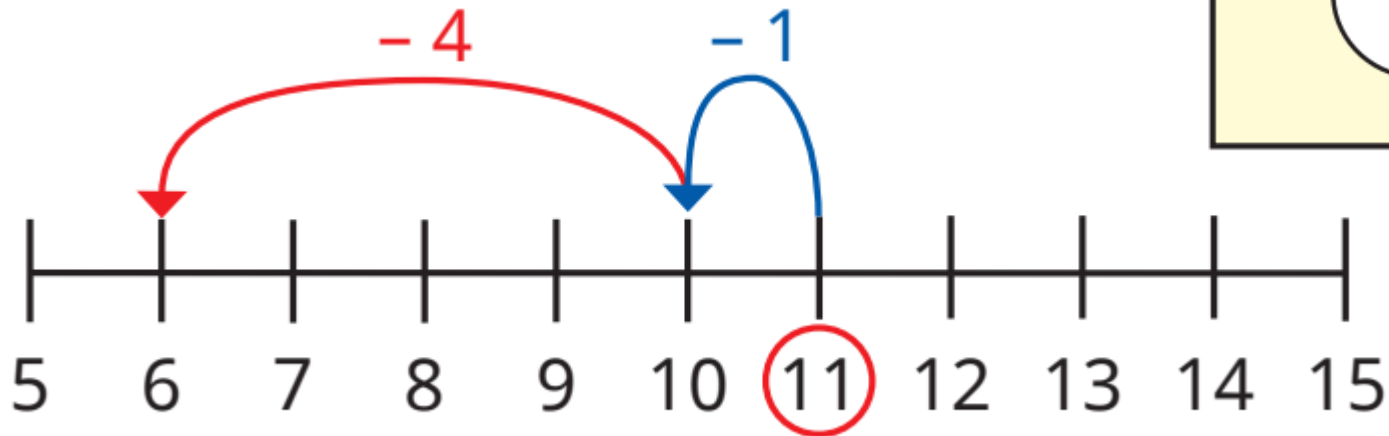
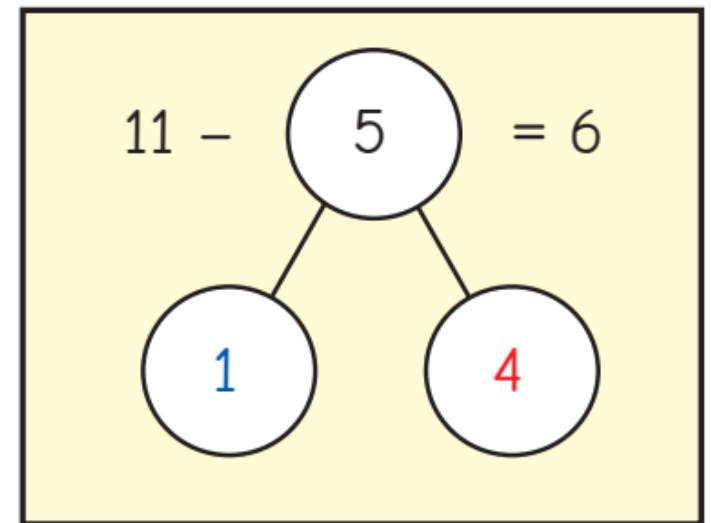
$$7 - 3 = 4$$



# Stage 5:

counting back on a  
number line by  
partitioning.

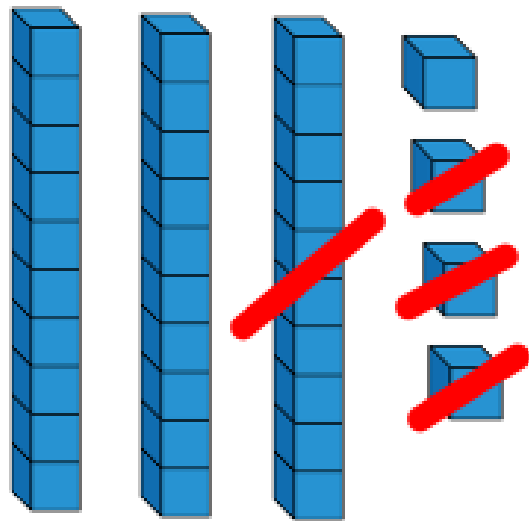
$$11 - 5 = 6$$



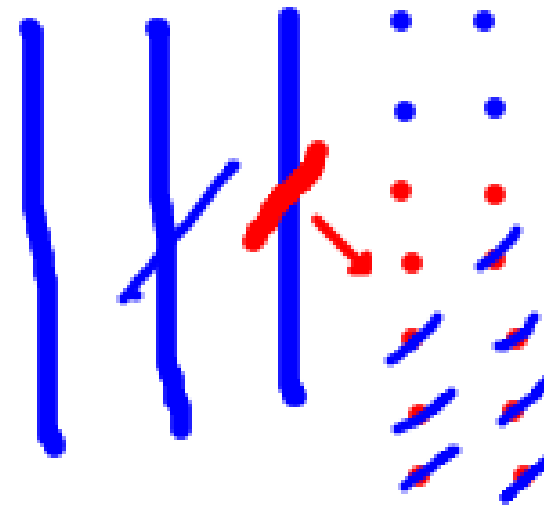
# Stage 6:

subtract using  
partitioning.

$$34 - \overset{\text{TO}}{13} = 21$$



$$34 - \overset{\text{TO}}{17} = 17$$

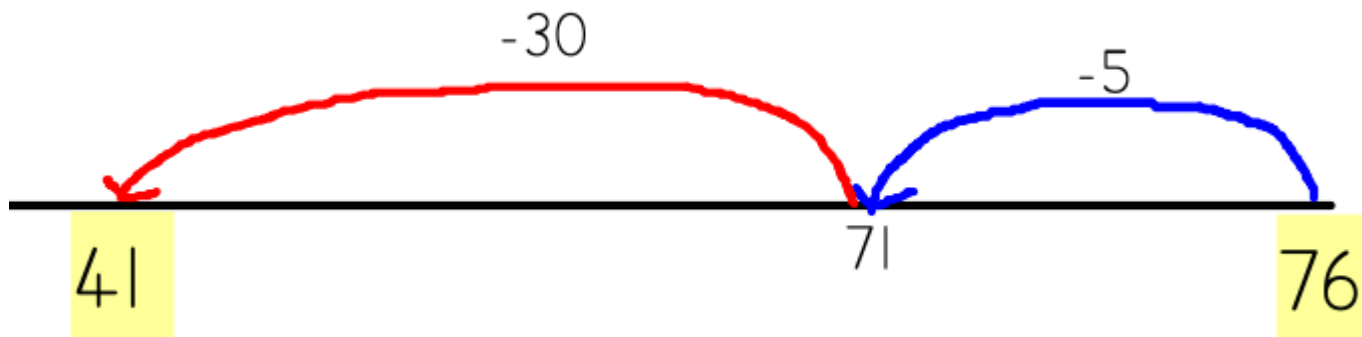
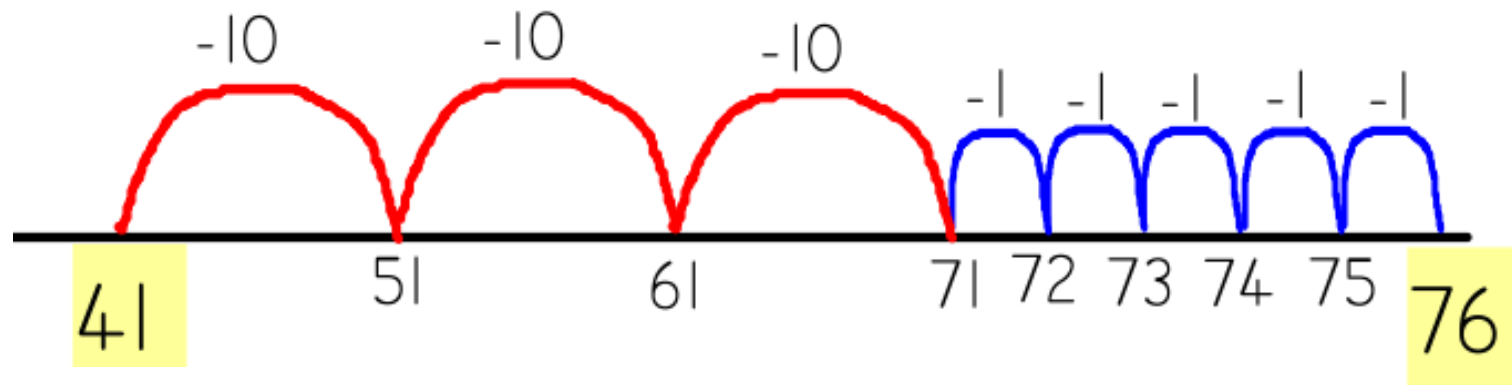




# Stage 7:

jumping back on a  
number line.

$$76 - 35 = 41$$



# LKS2 Subtraction

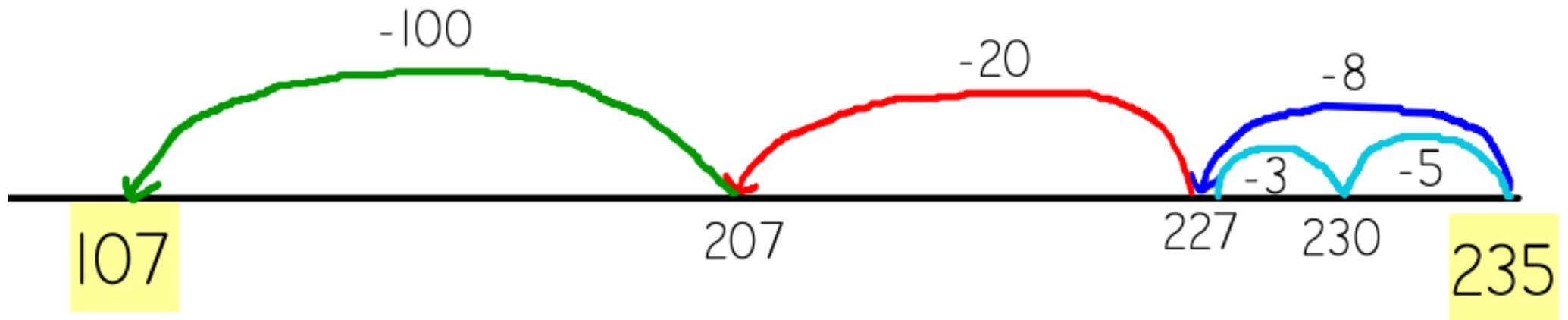
## Stages



# Stage 8:

jumping back on a number line  
(larger numbers).

$$235 - 128 = 107$$



# Stage 9:

column subtraction (no exchange).

$$3,454 - 1,224 = 2,230$$

| Th               | H                             | T                | O                         |
|------------------|-------------------------------|------------------|---------------------------|
| 1,000 1,000      | 100 100                       | 10 10            | <del>1</del> <del>1</del> |
| <del>1,000</del> | <del>100</del> <del>100</del> | 10 <del>10</del> | <del>1</del> <del>1</del> |
|                  |                               | <del>10</del>    |                           |

|  |   |    |   |   |   |  |
|--|---|----|---|---|---|--|
|  |   |    |   |   |   |  |
|  |   | Th | H | T | O |  |
|  |   | 3  | 4 | 5 | 4 |  |
|  | - | 1  | 2 | 2 | 4 |  |
|  |   | 2  | 2 | 3 | 0 |  |
|  |   |    |   |   |   |  |



# Stage 10:

column subtraction  
(exchange).

$$2,343 - 151 = 2,192$$

| Th          | H                  | T                           | O            |
|-------------|--------------------|-----------------------------|--------------|
| 1,000 1,000 | 100 <del>100</del> | 10 10                       | 1 1          |
|             | 100                | 10 10                       | <del>1</del> |
|             |                    | 10 10                       |              |
|             |                    | 10 10                       |              |
|             |                    | 10 <del>10</del>            |              |
|             |                    | <del>10</del> <del>10</del> |              |
|             |                    | <del>10</del> <del>10</del> |              |

|  |   |    |                            |                 |   |  |
|--|---|----|----------------------------|-----------------|---|--|
|  |   | Th | H                          | T               | O |  |
|  |   | 2  | <del>3</del> <sup>23</sup> | <sup>14</sup> 4 | 3 |  |
|  | - |    | 1                          | 5               | 1 |  |
|  |   | 2  | 1                          | 9               | 2 |  |
|  |   |    |                            |                 |   |  |



# UKS2 Subtraction

## Stages



# Stage 13:

column subtraction with  
larger numbers.

$$45,536 - 8,426 = 37,110$$

| Tth                                            | Th                                                      | H                                                   | T                           | O                                               |
|------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------|-----------------------------|-------------------------------------------------|
| <div>10,000</div> <div>10,000</div>            | <div>1,000</div> <div>1,000</div>                       | <div>100</div> <div>100</div>                       | <div>10</div> <div>10</div> | <div>1</div> <div>1</div>                       |
| <div>10,000</div> <div><del>10,000</del></div> | <div>1,000</div> <div>1,000</div>                       | <div><del>100</del></div> <div><del>100</del></div> | <div><del>10</del></div>    | <div><del>1</del></div> <div><del>1</del></div> |
|                                                | <div>1,000</div>                                        | <div><del>100</del></div>                           |                             | <div><del>1</del></div> <div><del>1</del></div> |
|                                                | <div>1,000</div> <div>1,000</div>                       |                                                     |                             |                                                 |
|                                                | <div><del>1,000</del></div> <div><del>1,000</del></div> |                                                     |                             |                                                 |
|                                                | <div><del>1,000</del></div> <div><del>1,000</del></div> |                                                     |                             |                                                 |
|                                                | <div><del>1,000</del></div> <div><del>1,000</del></div> |                                                     |                             |                                                 |
|                                                | <div><del>1,000</del></div> <div><del>1,000</del></div> |                                                     |                             |                                                 |

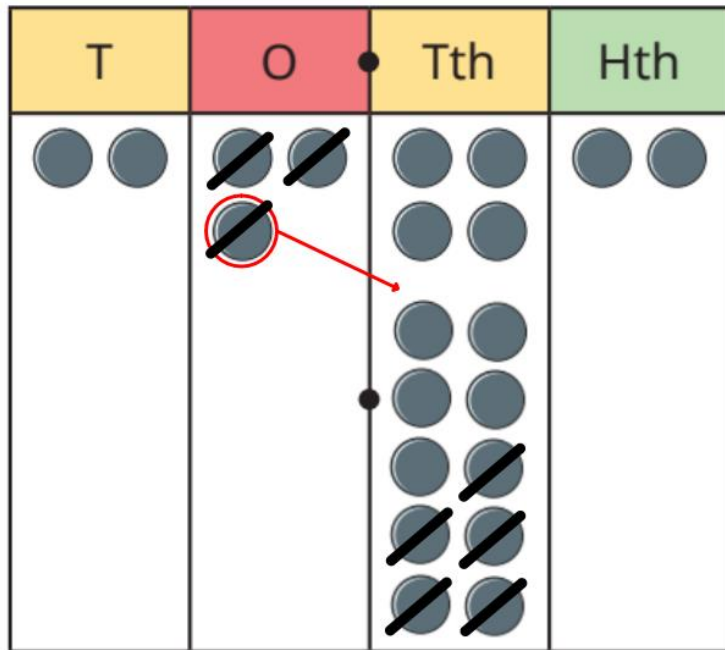
|   |                           |    |   |   |   |
|---|---------------------------|----|---|---|---|
|   | <sup>3</sup> <del>4</del> | 15 | 5 | 3 | 6 |
| - |                           | 8  | 4 | 2 | 6 |
|   | 3                         | 7  | 1 | 1 | 0 |



## Stage 14:

column subtraction  
with decimals.

$$23.42 - 2.5 = 20.92$$



|   |   |       |   |
|---|---|-------|---|
|   | 2 | 3 · 4 | 2 |
| - | 0 | 2 · 5 | 0 |
|   | 2 | 0 · 9 | 2 |





# Subtraction Vocabulary

count back      difference

fewer

subtract

leave



minus

less      take away

decrease

subtraction



# Conceptual Vocabulary

## - Subtraction

$$\begin{array}{ccccccc} 5 & \text{subtract} & 3 & \text{equals} & 2 \\ & - & & = & \\ \swarrow & & \downarrow & & \downarrow \\ \text{minuend} & & \text{subtrahend} & & \text{difference} \end{array}$$

