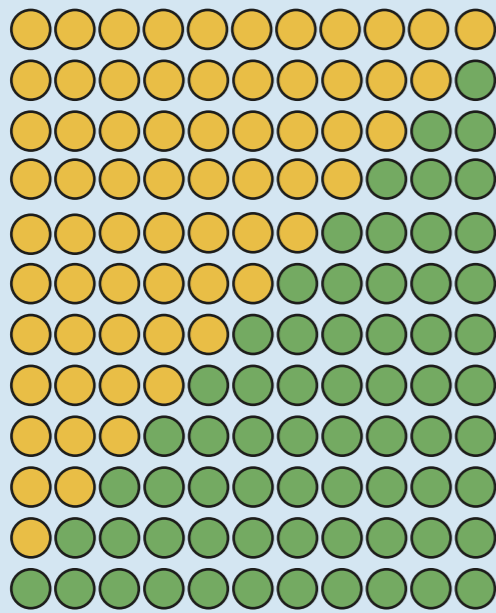
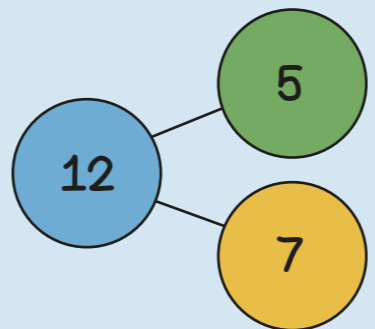


$$\begin{aligned}
 11 &= 11 + 0 \\
 11 &= 10 + 1 \\
 11 &= 9 + 2 \\
 11 &= 8 + 3 \\
 11 &= 7 + 4 \\
 11 &= 6 + 5 \\
 11 &= 5 + 6 \\
 11 &= 4 + 7 \\
 11 &= 3 + 8 \\
 11 &= 2 + 9 \\
 11 &= 1 + 10 \\
 11 &= 0 + 11
 \end{aligned}$$



$$\begin{aligned}
 11 - 0 &= 11 \\
 11 - 1 &= 10 \\
 11 - 2 &= 9 \\
 11 - 3 &= 8 \\
 11 - 4 &= 7 \\
 11 - 5 &= 6 \\
 11 - 6 &= 5 \\
 11 - 7 &= 4 \\
 11 - 8 &= 3 \\
 11 - 9 &= 2 \\
 11 - 10 &= 1 \\
 11 - 11 &= 0
 \end{aligned}$$

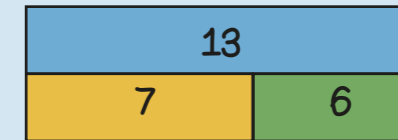
$$\begin{aligned}
 12 &= 12 + 0 \\
 12 &= 11 + 1 \\
 12 &= 10 + 2 \\
 12 &= 9 + 3 \\
 12 &= 8 + 4 \\
 12 &= 7 + 5 \\
 12 &= 6 + 6 \\
 12 &= 5 + 7 \\
 12 &= 4 + 8 \\
 12 &= 3 + 9 \\
 12 &= 2 + 10 \\
 12 &= 1 + 11 \\
 12 &= 0 + 12
 \end{aligned}$$



5 is one part  
7 is one part  
12 is the whole

$$\begin{aligned}
 12 - 0 &= 12 \\
 12 - 1 &= 11 \\
 12 - 2 &= 10 \\
 12 - 3 &= 9 \\
 12 - 4 &= 8 \\
 12 - 5 &= 7 \\
 12 - 6 &= 6 \\
 12 - 7 &= 5 \\
 12 - 8 &= 4 \\
 12 - 9 &= 3 \\
 12 - 10 &= 2 \\
 12 - 11 &= 1 \\
 12 - 12 &= 0
 \end{aligned}$$

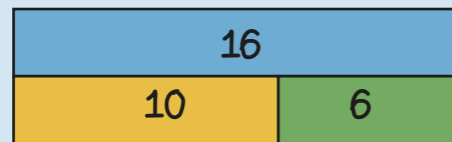
$$\begin{aligned}
 13 &= 13 + 0 \\
 13 &= 12 + 1 \\
 13 &= 11 + 2 \\
 13 &= 10 + 3 \\
 13 &= 9 + 4 \\
 13 &= 8 + 5 \\
 13 &= 7 + 6 \\
 13 &= 6 + 7 \\
 13 &= 5 + 8 \\
 13 &= 4 + 9 \\
 13 &= 3 + 10 \\
 13 &= 2 + 11 \\
 13 &= 1 + 12 \\
 13 &= 0 + 13
 \end{aligned}$$



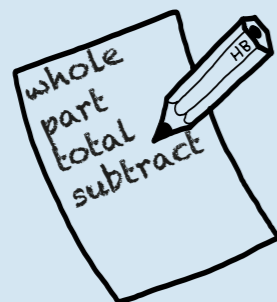
7 is one part  
6 is one part  
13 is the whole

$$\begin{aligned}
 13 - 0 &= 13 \\
 13 - 1 &= 12 \\
 13 - 2 &= 11 \\
 13 - 3 &= 10 \\
 13 - 4 &= 9 \\
 13 - 5 &= 8 \\
 13 - 6 &= 7 \\
 13 - 7 &= 6 \\
 13 - 8 &= 5 \\
 13 - 9 &= 4 \\
 13 - 10 &= 3 \\
 13 - 11 &= 2 \\
 13 - 12 &= 1 \\
 13 - 13 &= 0
 \end{aligned}$$

$$\begin{aligned}
 16 &= 16 + 0 \\
 16 &= 15 + 1 \\
 16 &= 14 + 2 \\
 16 &= 13 + 3 \\
 16 &= 12 + 4 \\
 16 &= 11 + 5 \\
 16 &= 10 + 6 \\
 16 &= 9 + 7 \\
 16 &= 8 + 8 \\
 16 &= 7 + 9 \\
 16 &= 6 + 10 \\
 16 &= 5 + 11 \\
 16 &= 4 + 12 \\
 16 &= 3 + 13 \\
 16 &= 2 + 14 \\
 16 &= 1 + 15 \\
 16 &= 0 + 16
 \end{aligned}$$

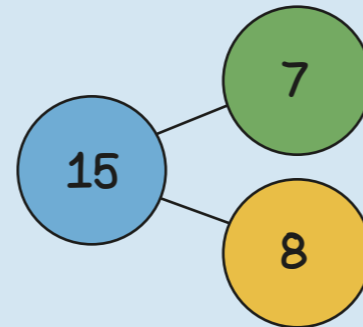


10 is one part  
6 is one part  
16 is the whole



$$\begin{aligned}
 16 - 0 &= 16 \\
 16 - 1 &= 15 \\
 16 - 2 &= 14 \\
 16 - 3 &= 13 \\
 16 - 4 &= 12 \\
 16 - 5 &= 11 \\
 16 - 6 &= 10 \\
 16 - 7 &= 9 \\
 16 - 8 &= 8 \\
 16 - 9 &= 7 \\
 16 - 10 &= 6 \\
 16 - 11 &= 5 \\
 16 - 12 &= 4 \\
 16 - 13 &= 3 \\
 16 - 14 &= 2 \\
 16 - 15 &= 1 \\
 16 - 16 &= 0
 \end{aligned}$$

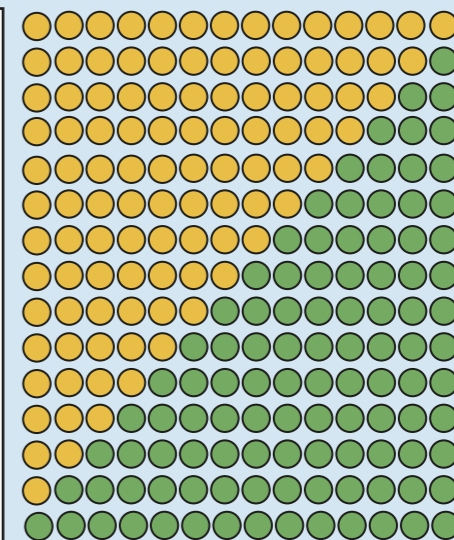
$$\begin{aligned}
 15 &= 15 + 0 \\
 15 &= 14 + 1 \\
 15 &= 13 + 2 \\
 15 &= 12 + 3 \\
 15 &= 11 + 4 \\
 15 &= 10 + 5 \\
 15 &= 9 + 6 \\
 15 &= 8 + 7 \\
 15 &= 7 + 8 \\
 15 &= 6 + 9 \\
 15 &= 5 + 10 \\
 15 &= 4 + 11 \\
 15 &= 3 + 12 \\
 15 &= 2 + 13 \\
 15 &= 1 + 14 \\
 15 &= 0 + 15
 \end{aligned}$$



7 is one part  
8 is one part  
15 is the whole

$$\begin{aligned}
 15 - 0 &= 15 \\
 15 - 1 &= 14 \\
 15 - 2 &= 13 \\
 15 - 3 &= 12 \\
 15 - 4 &= 11 \\
 15 - 5 &= 10 \\
 15 - 6 &= 9 \\
 15 - 7 &= 8 \\
 15 - 8 &= 7 \\
 15 - 9 &= 6 \\
 15 - 10 &= 5 \\
 15 - 11 &= 4 \\
 15 - 12 &= 3 \\
 15 - 13 &= 2 \\
 15 - 14 &= 1 \\
 15 - 15 &= 0
 \end{aligned}$$

$$\begin{aligned}
 14 &= 14 + 0 \\
 14 &= 13 + 1 \\
 14 &= 12 + 2 \\
 14 &= 11 + 3 \\
 14 &= 10 + 4 \\
 14 &= 9 + 5 \\
 14 &= 8 + 6 \\
 14 &= 7 + 7 \\
 14 &= 6 + 8 \\
 14 &= 5 + 9 \\
 14 &= 4 + 10 \\
 14 &= 3 + 11 \\
 14 &= 2 + 12 \\
 14 &= 1 + 13 \\
 14 &= 0 + 14
 \end{aligned}$$



$$\begin{aligned}
 14 - 0 &= 14 \\
 14 - 1 &= 13 \\
 14 - 2 &= 12 \\
 14 - 3 &= 11 \\
 14 - 4 &= 10 \\
 14 - 5 &= 9 \\
 14 - 6 &= 8 \\
 14 - 7 &= 7 \\
 14 - 8 &= 6 \\
 14 - 9 &= 5 \\
 14 - 10 &= 4 \\
 14 - 11 &= 3 \\
 14 - 12 &= 2 \\
 14 - 13 &= 1 \\
 14 - 14 &= 0
 \end{aligned}$$

# Year 1 Term 3



Tree A is taller than tree B  
so tree B is shorter than tree A.



Tree C is the shortest.

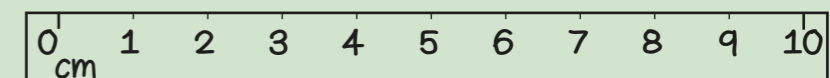
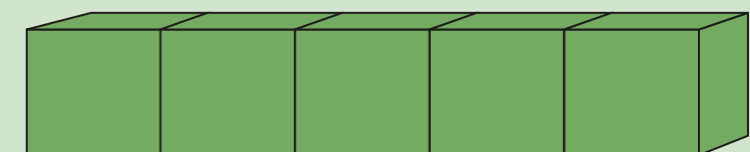


The yellow line is longer than the green line  
so the green line is shorter than the yellow line.



The blue line is longest.

The blue line is 5 blocks long.



The blue line is 9 centimetres long.