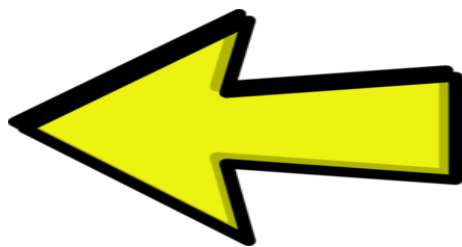


Work Backwards



Can starting
at the end
help me?

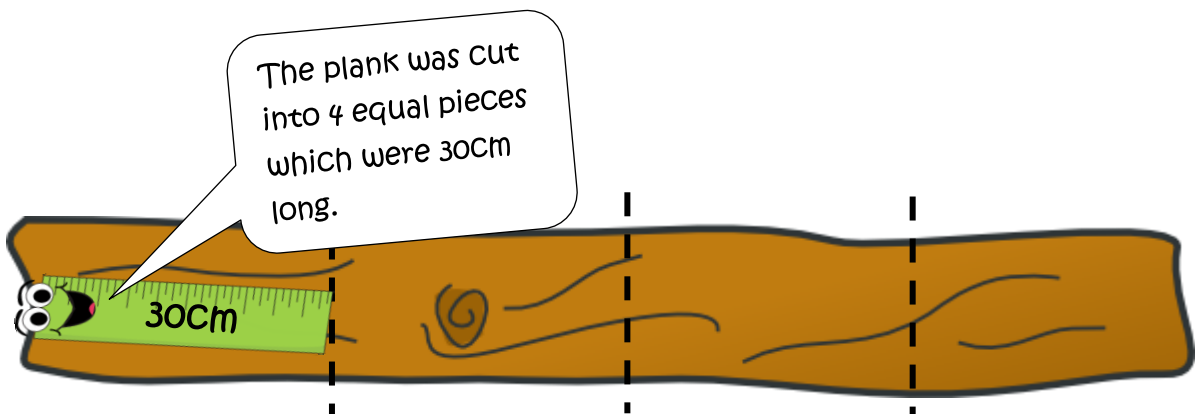
Backwards



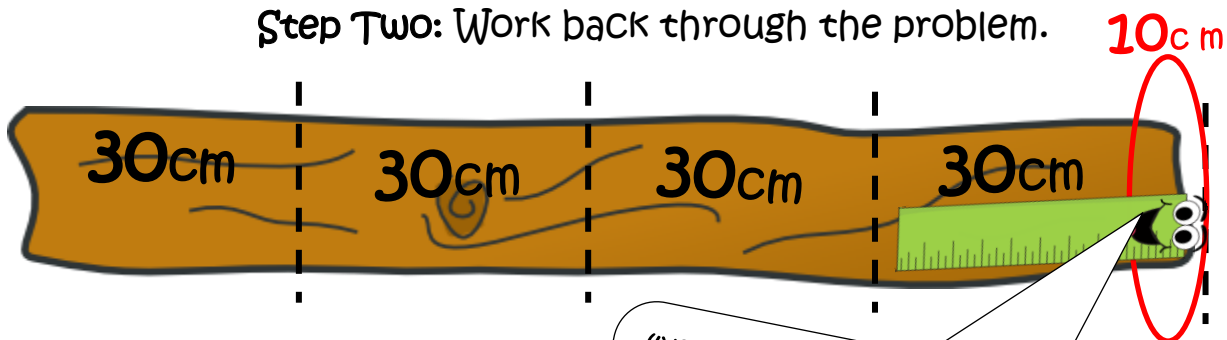
Sometimes you may know the end result, but don't know the starting point. You can begin at the end of the problem and work backwards.

The Problem: Lucy was making a bird house out of an old plank of wood. She cut 10 centimetres from the broken end of the plank. Then she cut the remaining piece into four equal parts. Each part is now 30 centimetres long. How long was the plank when Lucy started?

Step One: Start with the information you've been given.



Step Two: Work back through the problem.



Plank = 130cm

4x30cm is 120cm and then I need to add the 10cm Lucy chopped off first. That means the original plank of wood was 130cm long.