

I want to
clarify my priorities
by breaking
down a
complex issue



CAUSES DIAGRAM

LEVEL OF INVOLVEMENT

INSPIRED BY
Namahn and Yellow Window Service Design, Design Flanders (2012) Cause Diagram. In: Service design toolkit.



FAIRLY SIMPLE, SELF ADMINISTERED TOOL
needs relatively less time

What is it & why should I do it?

What is the root cause of a problem? Often there isn't one simple answer. The bigger the problem, the more likely it is that the roots will be widespread, and mapping out the causes can quickly get out of hand, making the problem seem overwhelming.

The **Causes Diagram** helps you think of a problem in a thorough manner and provides a structured way to analyse it. It pushes you to deconstruct all possible causes for the problem rather than the obvious ones. You can use it both to analyse a new problem and as a tool to highlight the gaps in an existing problem.

It also helps to differentiate causes from effects or symptoms, giving you a better idea of the solutions needed to solve a problem permanently, and it helps to build a shared understanding of what it is you're working on.

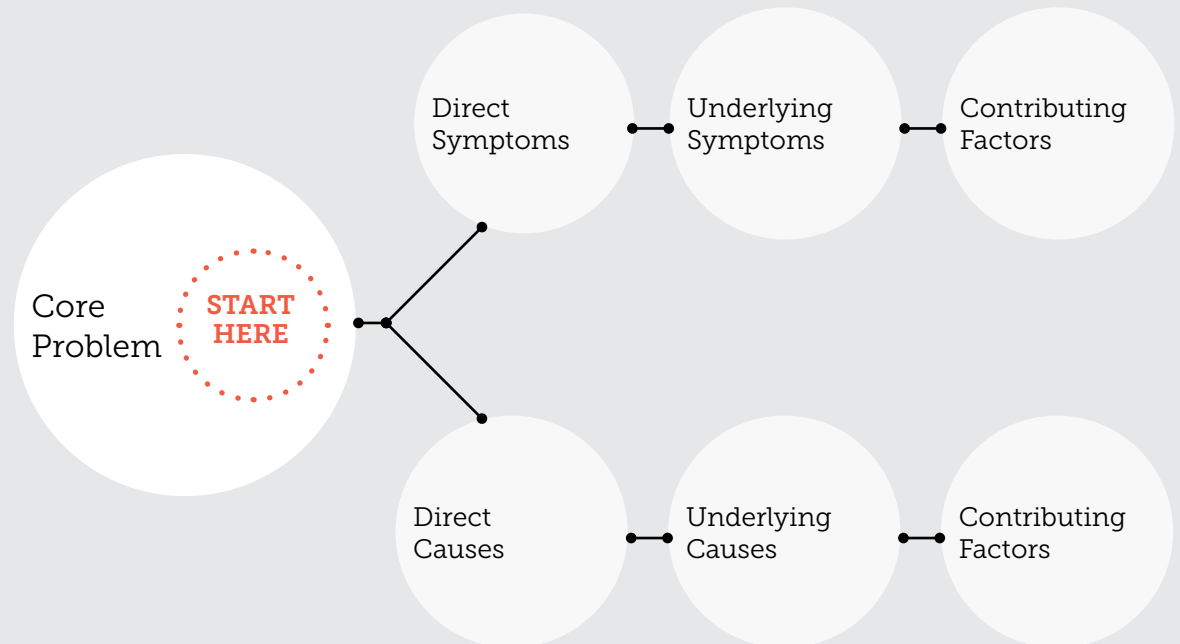
? HOW TO USE IT

First, identify and write down the core problem you are trying to resolve.

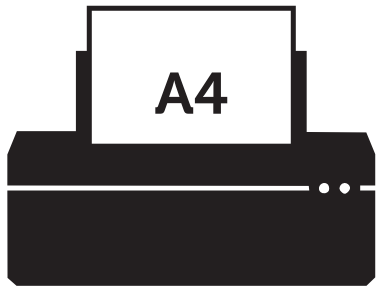
Working your way from this starting point, write down the direct, underlying and contributing symptoms you see as a result of it. These may be people involved with the problem, systems, equipment, materials, external forces, etc. Try drawing out as many contributing factors as possible.

Now fill out the causes that correspond to these symptoms. Once the worksheet has been filled out, go through each symptom and cause with your team and consider if they are correctly placed, and discuss what you can learn from this in terms of clarifying your aims.

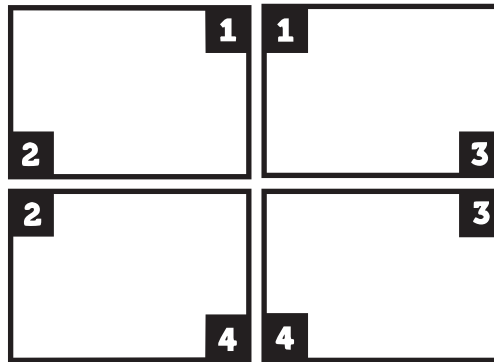
Be careful to not mix the causes of a problem with its symptoms as you note these down - a cause is the reason why something happens, while a symptom is usually what we see as the end result of the problem.



DOWNLOAD AND ASSEMBLE THE WORKSHEET IN DIFFERENT SIZES



1 Download the PDF file and print it in a normal A4 printer.



2 Align the worksheet prints according to the numbered boxes along the edge of the sheets.



3 Join the aligned prints with cello tape or tacks and get started!

SIZE AND ORIENTATION GUIDE

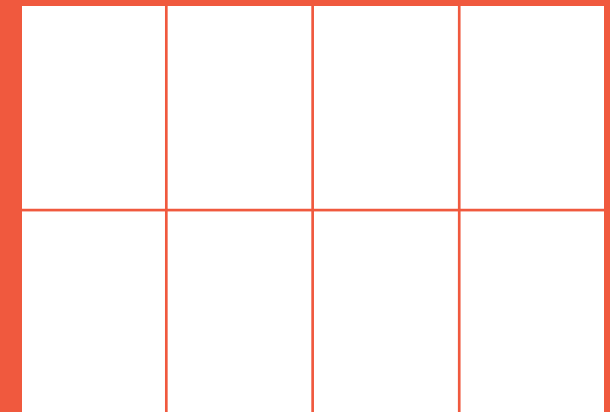
A3



A2



A1

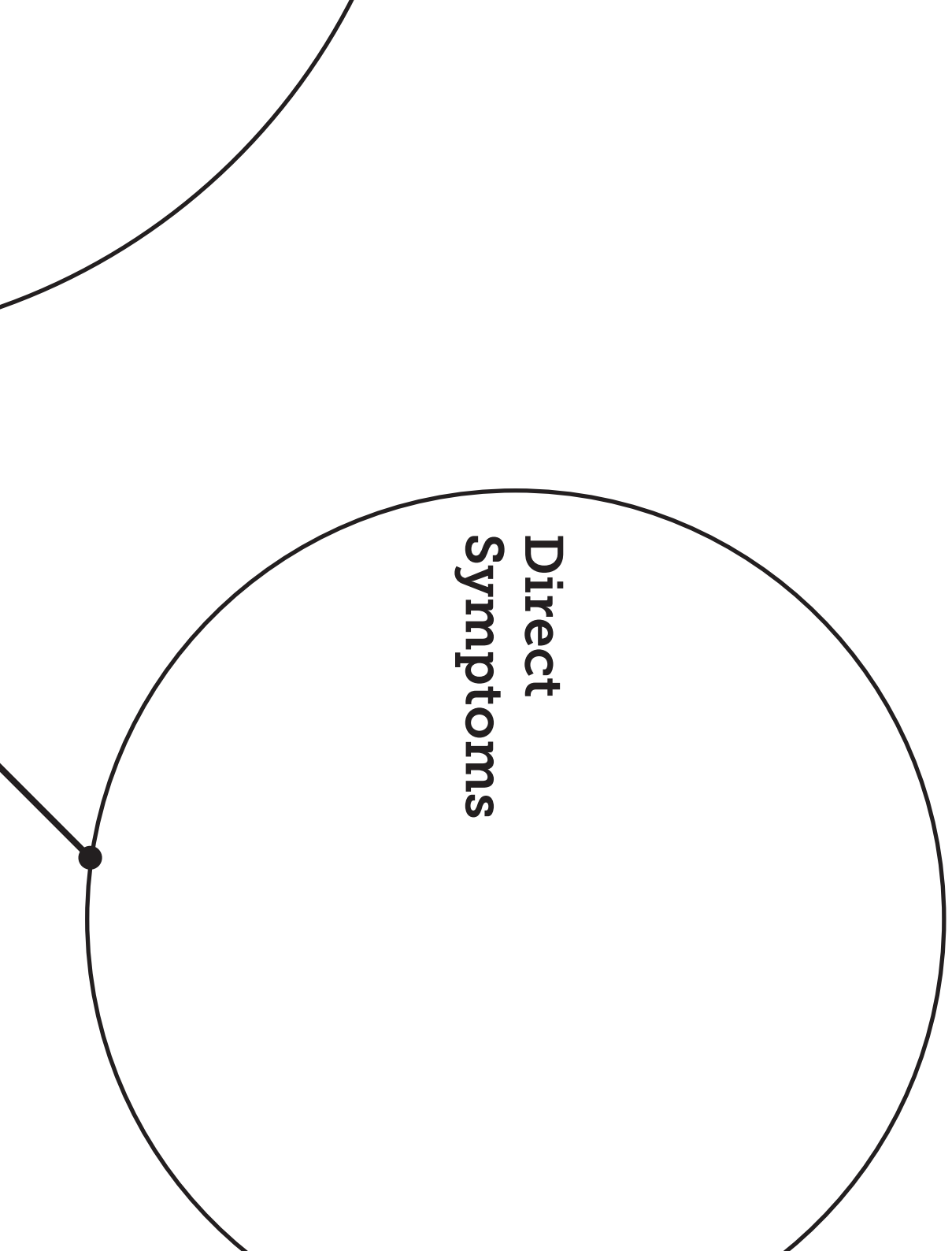


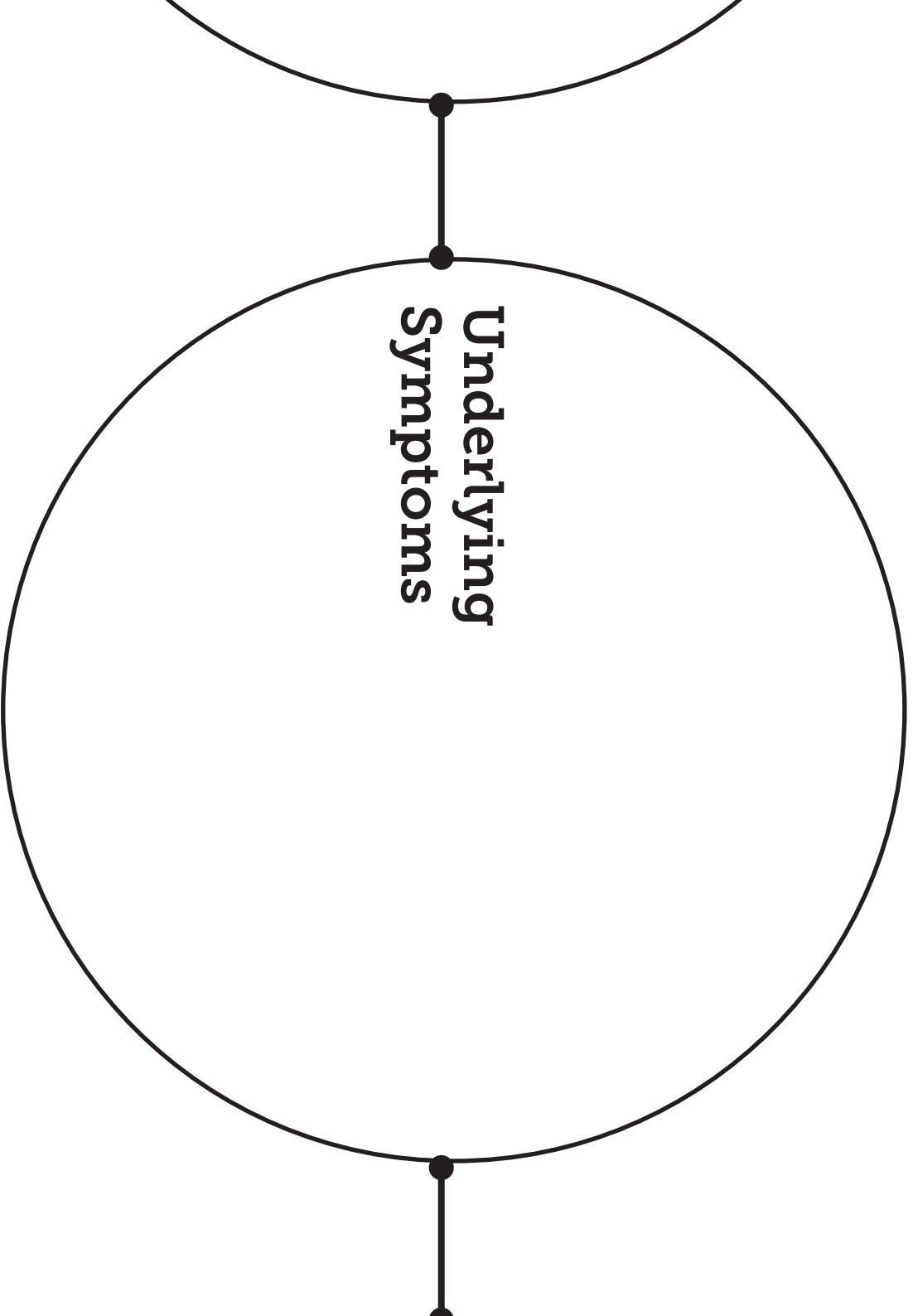
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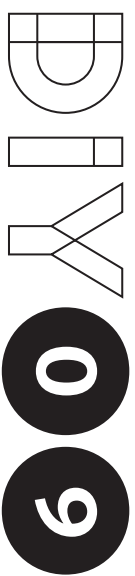
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**Direct
Symptoms**

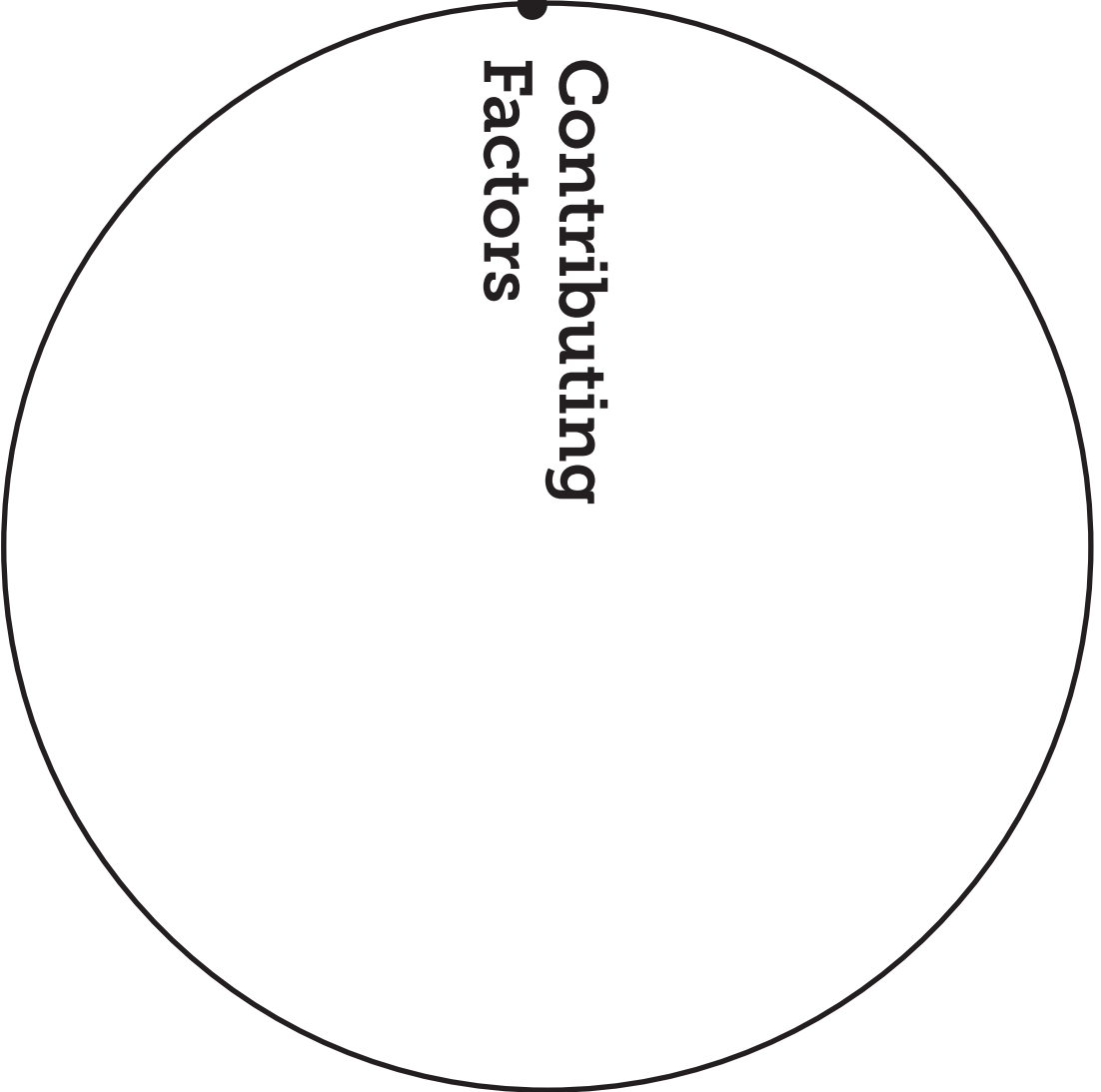




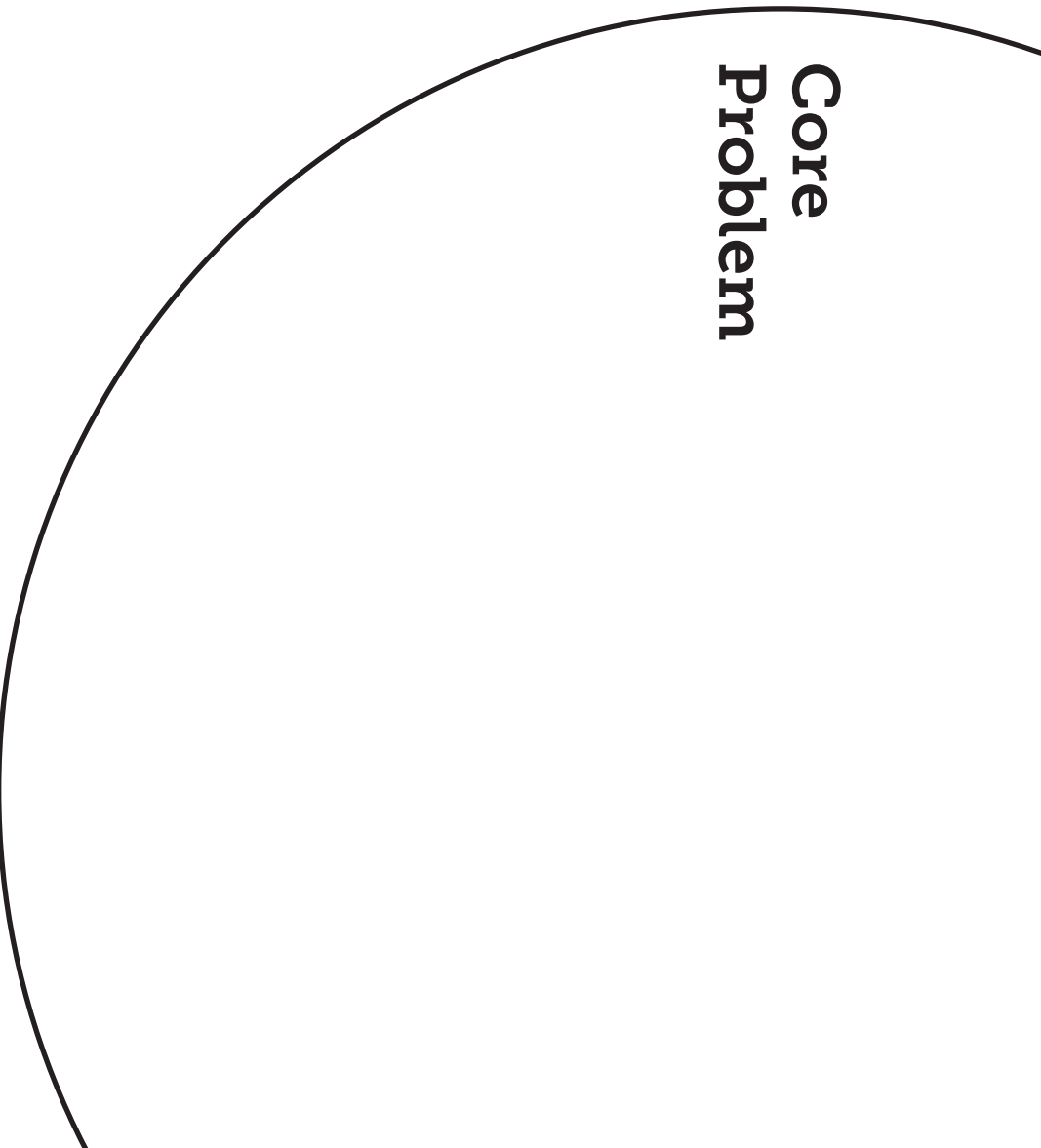


CAUSES DIAGRAM

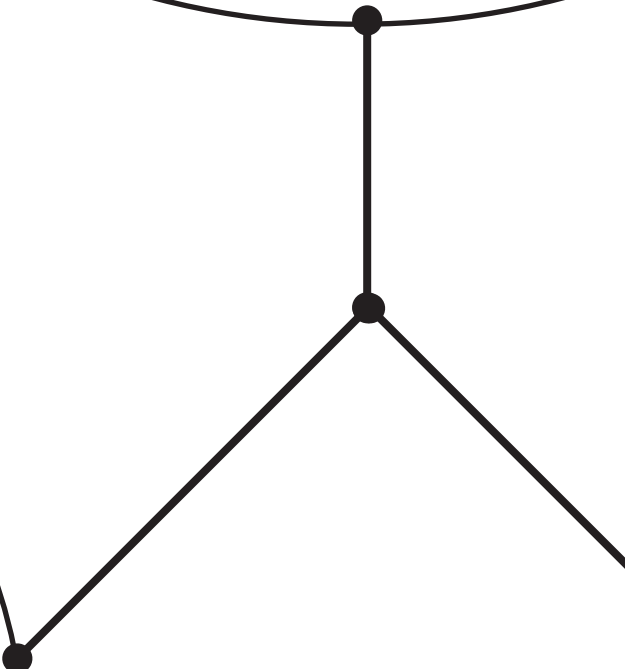
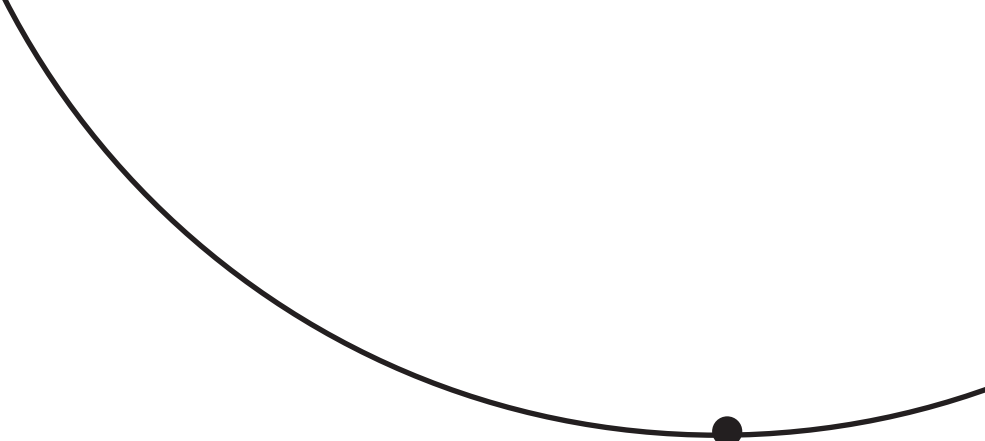
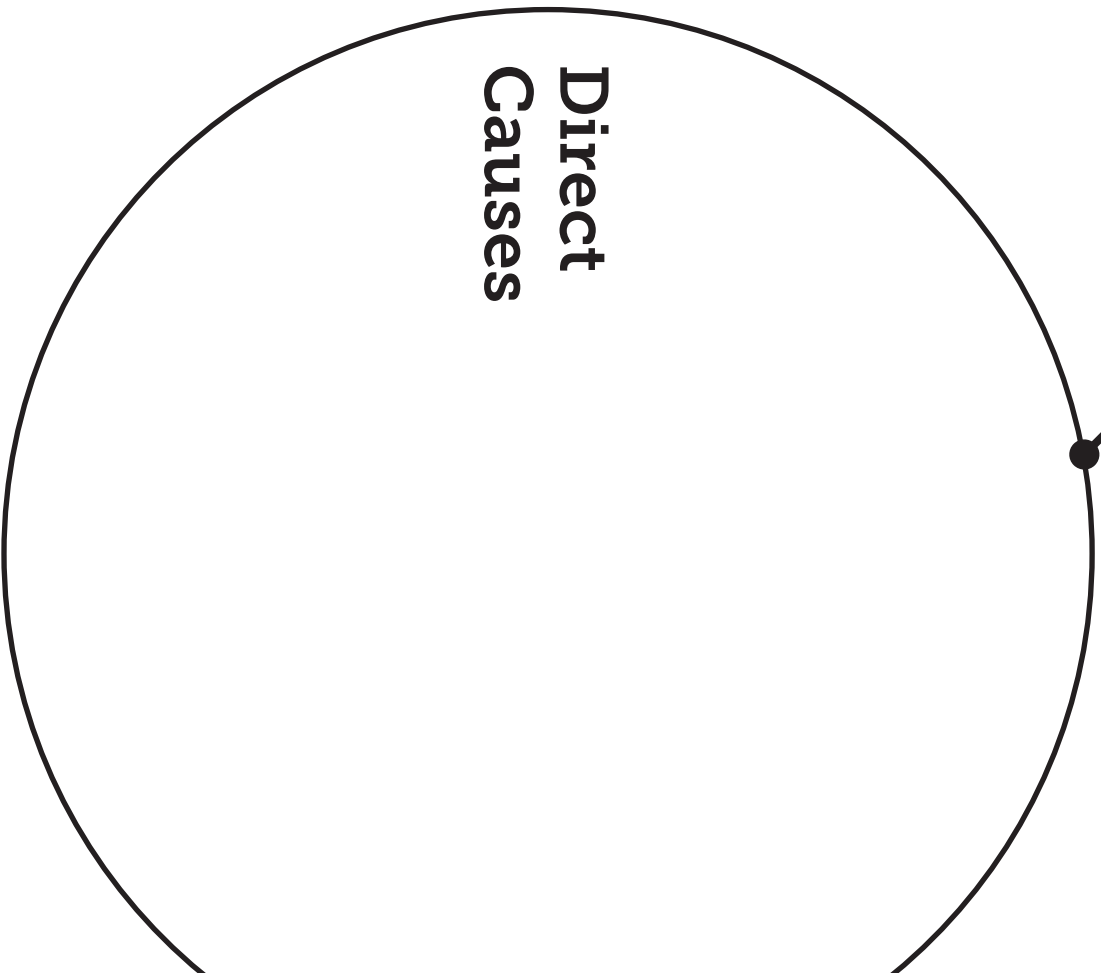
**Contributing
Factors**

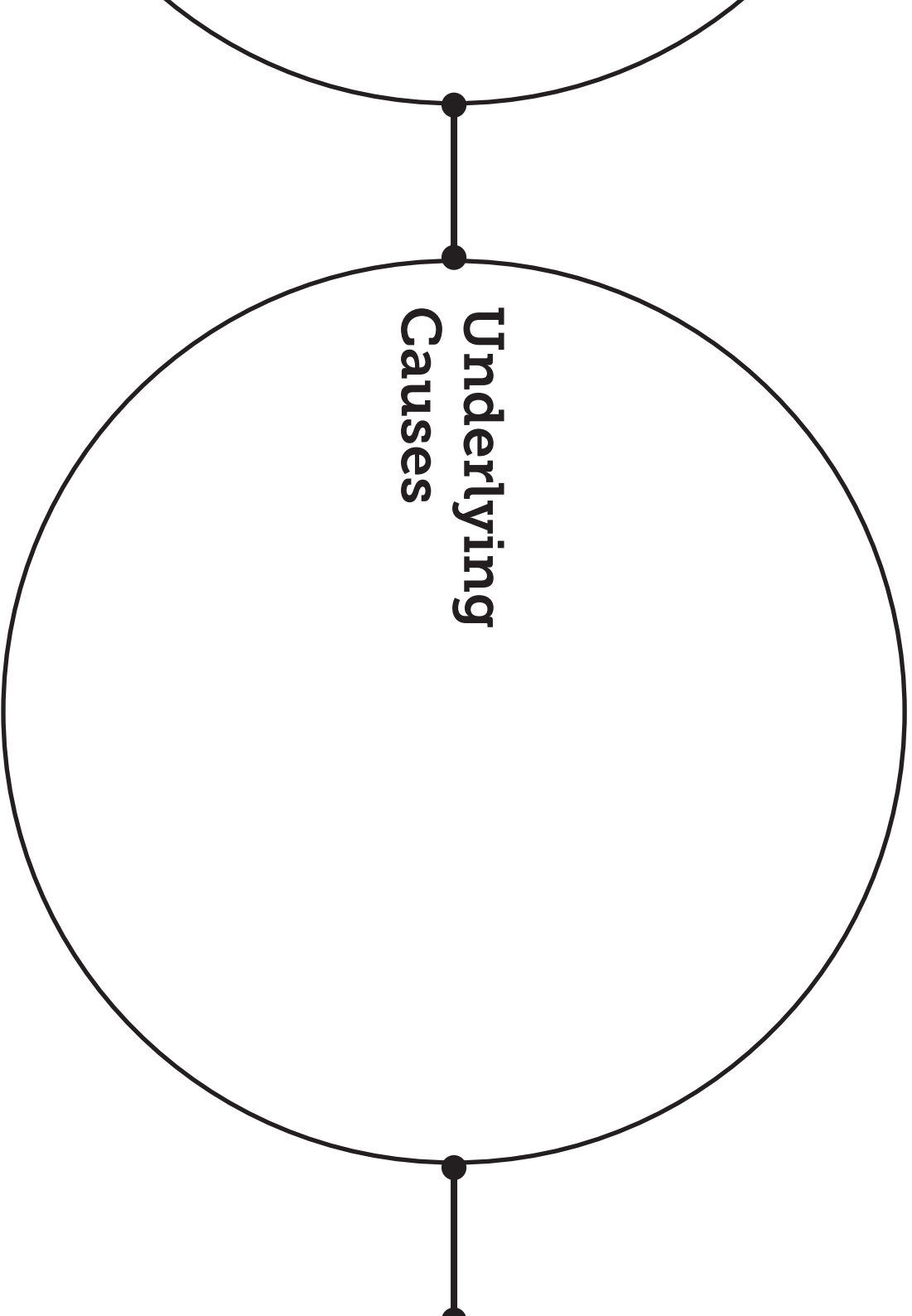


Core Problem



**Direct
Causes**





**Underlying
Causes**

Contributing Factors

