

## Activity 9: Finding faults

A machine has the following common faults. Roll the die. The number shown on each roll is an instance of that fault. Use a tally chart to record the frequency of each type of fault. Make sure that you have at least 100 rolls of the die.

Code	Description of fault	Frequency
1	Power tripped	
2	Oil temperature high	
3	Oil filter needs changing	
4	Electrical fault	
5	Output blocked	
6	No input feed	

Draw a graph or chart to show the data that you have collected.

What action would you recommend to improve the efficiency of this machine?