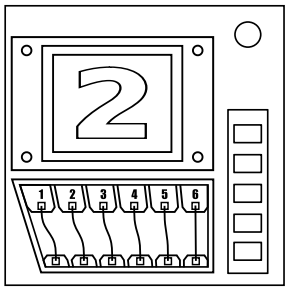
On the Subject of Memory Wires



Memory is the lifeblood of electronics! Wait, no, electricity is the lifeblood. Memory is a fragile thing. But so is everything else when a bomb goes off? No matter...

- Cut the correct wires to progress the module to the next stage. Complete all stages to disarm the module.
- Cutting an incorrect wire will reset the module back to stage 1.
- Correct wires satisfy the rule from the correct list corresponding to the stage of the module and the digit displayed on the screen.
- Wire positions are numbered from 1 to 6 and ordered from left to right.

If the bomb has a parallel port, a lit indicator labelled CAR or FRK, and two or more batteries:

Use this list of rules for all stages.

For each wire, cut if:
1. The wire is uniquely coloured. 2. The wire is connected a prime-numbered port. 3. The wire is in a position that has had an even number of red or black wires in it. 4. The wire is not white. If this is not stage 1, the wire in its position in the previous stage must also not have been cut. 5. Stage 1: The wire is adjacent to a blue wire. All other stages: The wire is in a position adjacent to a wire that was not cut in the previous stage. 6. The wire is in a position that has had an odd number of yellow or cut wires in it.

Otherwise use one of the other two lists of rules.

If the last digit of the serial number is odd:

For each wire, cut if:

Stage 1:

1. The wire is in an odd position and is not yellow.
2. The wire is adjacent to a same-coloured wire.
3. The wire is a colour that occurs three times or more.
4. The wire is white or black.
5. The wire is to the right of the leftmost red wire.
6. The wire is not adjacent to a blue wire.

Stage 2:

1. The wire is in a position that has had a red or blue wire in it exactly once.
2. The wire is in a position to the left of the leftmost wire that was cut in stage 1.
3. The wire is in a position that has not had a black wire in it.
4. The wire is yellow or blue and in a position where a wire was not cut in stage 1.
5. The wire is in a position that had a wire of the same colour in stage 1.
6. The wire is to the immediate right of a position that had a white wire in stage 1.

Stage 3:

1. The wire is in a position in which exactly one wire has been cut.
2. The wire is not yellow and is in a position that has had a yellow wire in it.
3. The wire is in an even position that has had a red or white wire in it.
4. The wire is not black and in a position where a wire was not cut in stage 2.
5. The wire is in a position that has had three differently coloured wires.
6. The wire is in a position that has had exactly one blue wire in it.

Stage 4:

1. The wire is red or yellow and is in a position where a wire was cut in stage 3.
2. The wire is blue or black and is in a position where a wire was cut in stage 2.
3. The wire is in a position that has had exactly one white wire in it.
4. The wire is in a position that has had an even number of black wires in it.
5. The wire is to the immediate left of a position where a wire was cut in stage 1.
6. The wire is in a position in which exactly two wires have been cut.

Stage 5:

1. The wire is a colour no other wire in its position has been in a previous stage.
2. The wire is in a position adjacent to a wire that was the same colour in stage 2.
3. The wire is not blue and is not in a position adjacent to a wire that was blue in stage 4.
4. The wire is adjacent to a red or white wire and in a position where a wire was not cut in stage 1.
5. The wire is black and has had an odd number of cut wires in its position or is not black and has had an even number of cut wires in its position.
6. The wire is in a position that is not adjacent to a yellow wire and was not adjacent to a yellow wire in stage 3.

If the last digit of the serial number is even:

For each wire, cut if:

Stage 1:

1. The wire is adjacent to two differently coloured wires.
2. The wire is not adjacent to a black wire.
3. The wire is to the left of the rightmost yellow wire.
4. The wire is to the immediate left of a red wire or the immediate right of a blue wire.
5. The wire is in an even position and is not white.
6. The wire is a colour that occurs exactly twice.

Stage 2:

1. The wire is a colour that has fewer occurences than it had in stage 1.
2. The wire is in a position that has had a red wire in it.
3. The wire is in a position that had an uncut black or white wire in stage 1.
4. The wire is not blue and is in a position where a wire was not cut in stage 1.
5. The wire is to the immediate right of a position that had a yellow wire in stage 1.
6. The wire is in a position adjacent to a wire that was not cut in stage 1.

Stage 3:

1. The wire is not yellow and is in a position adjacent to a wire that was cut in stage 2.
2. The wire is in adjacent to a position that had a red wire in stage 2.
3. The wire is in a position where a wire has not been cut.
4. The wire is in a position that has not had a blue wire in it.
5. The wire is black or is in a position adjacent to a wire that was black in stage 1.
6. The wire is in a position that had an uncut white wire in it.

Stage 4:

1. The wire is red or blue and is in a position where a wire was not cut in stage 1.
2. The wire is in a position that has been adjacent to an even number of yellow wires.
3. The wire is a colour that has fewer occurences than it had in stage 3.
4. The wire is not white nor the same colour as the wire in its position in stage 3.
5. The wire is not black nor in a position where a wire was cut an even number of times.
6. The wire is in a position where the wire was the same colour in stage 2.

Stage 5:

1. The wire is in a position adjacent to a wire that was the same colour in stage 1.
2. The wire is yellow and is in a position adjacent to a wire that was cut in stage 3 or is not yellow and is in a position adjacent to a wire that was not cut in stage 3.
3. The wire is in a position that was not cut in stage 4 but was cut in at least two other stages.
4. The wire is in a position to the immediate left of a wire that was white in stage 2 or to the immediate right of a wire that was blue in stage 2.
5. The wire is in a position that has had at least four differently coloured wires in it.
6. The wire is adjacent to a red or black wire and is in a position where at least two uncut wires were the same colour.