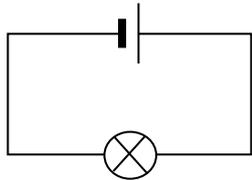
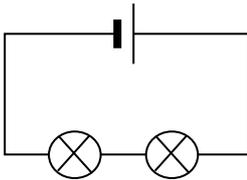
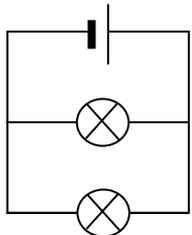
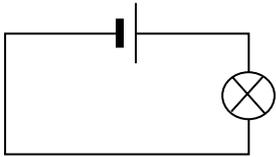
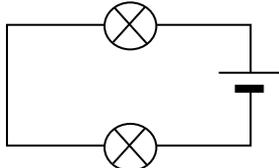
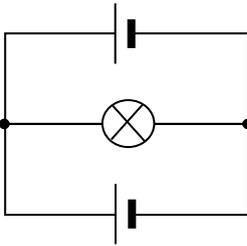
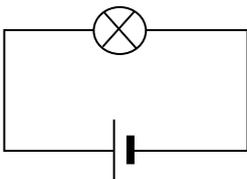
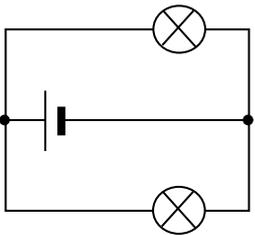
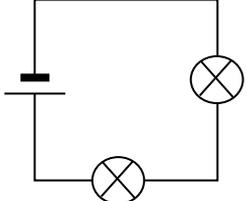
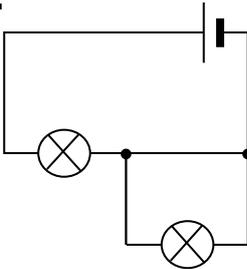
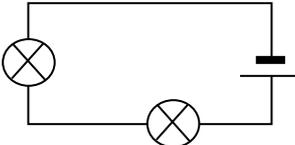
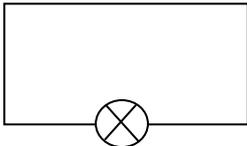
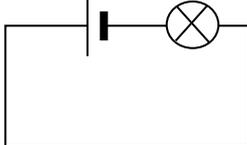
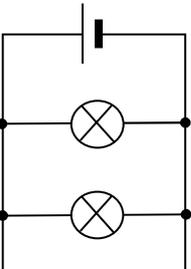
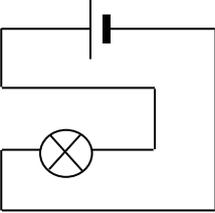


Instructions

Which of the 12 circuits below would be identical to circuits A, B and C if built?
There may be several identical circuits in each case.

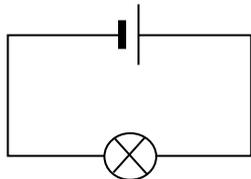
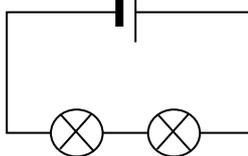
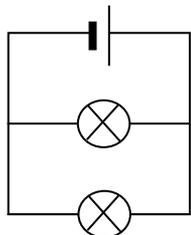
| | | | |
|---------------------------|--|---|--|
| Circuit diagram | A.  | B.  | C.  |
| Identical Circuits | | | |

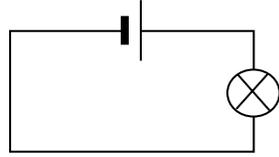
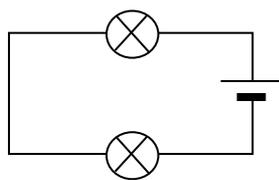
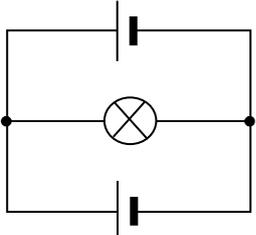
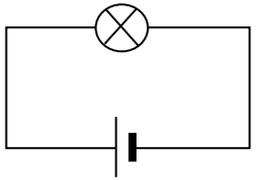
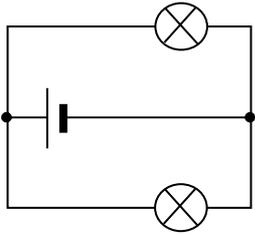
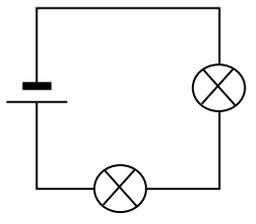
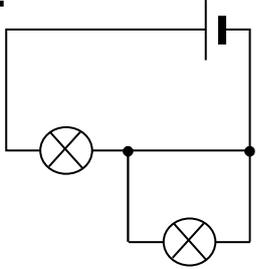
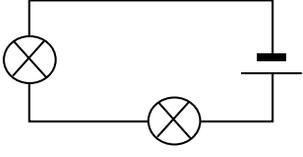
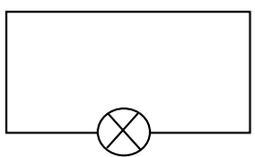
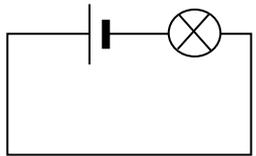
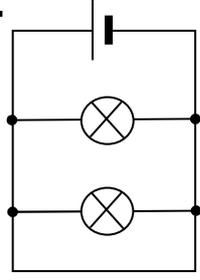
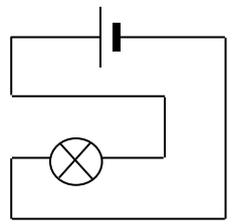
| | | | |
|--|---|--|---|
| 1.  | 2.  | 3.  | 4.  |
| 5.  | 6.  | 7.  | 8.  |
| 9.  | 10.  | 11.  | 12.  |

Further task

In which circuits would no lamps light?

ANSWERS

| Circuit diagram | A. | B. | C. |
|---|--|---|-------------|
|  |  |  | |
| Identical Circuits | <i>1, 4, 10, 12</i> | <i>2, 6</i> | <i>5, 8</i> |

| | | | |
|--|---|--|---|
| 1.  | 2.  | 3.  | 4.  |
| 5.  | 6.  | 7.  | 8.  |
| 9.  | 10.  | 11.  | 12.  |

Further task

In which circuits would no lamps light? *9, 11*