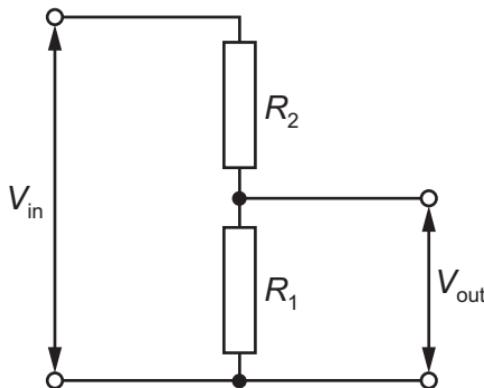


- 37 A potential divider consists of two resistors of resistances R_1 and R_2 connected in series across a source of potential difference (p.d.) V_{in} . The p.d. across R_1 is V_{out} .



Which changes to R_1 and R_2 will increase the value of V_{out} ?

| | R_1 | R_2 |
|---|---------|---------|
| A | doubled | doubled |
| B | doubled | halved |
| C | halved | doubled |
| D | halved | halved |