

Chapter 38

Series, Parallel, And Series-Parallel Circuits

Find the words in the grid. Words can go across, down and in the two forward diagonals.

```

T C O M B I N A T I O N C I R C U I T X X R
O K B P M R W V H X X N F M X J K M G Z N K
T R V O L T A G E D R O P M X C I G K P G I
A G L W G Y C K T M T R M T D P R M J B G R
L P B K T C J N W B K T N L V Q C T G K R C
C A V M D K U L N K D H Q R R D H T T X W H
I R P W T H N R R J T K V R A X H K T X Z H
R A C V S V N R G M R K L O Y K O K D S R O
C L K O B R A N C H E S L E Y K F L V E K F
U L N J M T R M Q Z R L Y L G M F R L R J F
I E T K D P Y B D T A V R R D D S R D I R S
T L G H Q R O N J C F O R N X L V N K E J C
R C M R C R D U I N T K J R L H O D K S F U
E I G L T R M R N O G Q K N Y X L A W C T R
S R C Z H W T Q M D R L M C Z M T S F I V R
I C H L X C N R M K C G D V R D A H K R Y E
S U K N E H E X N P G I K R B R G L P C K N
T I K L M W L M J Y H T R P V N E I L U F T
A T E K O D D R Y K V V L C B C L G V I B L
N P J L J B P T N M J L N L U T A H X T V A
C C B L T F V D M K H J B L H I W T X K G W
E L M W T K W T Y V Y B T K M C T S F C K D
  
```

<http://jameshalderman.com>

Blower motor

Kirchhoffs voltage law

Branches

Leg

Combination circuit

Parallel circuit

Compound circuit

Series circuit

Dash lights

Shunt

Electrical load

Total circuit resistance

Kirchhoffs current law

Voltage drop