

Chapter 4 Braking System Principles

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

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

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Coefficient of friction

Energy

Friction

Fulcrum

Inertia

Kinetic energy

Kinetic friction

Leverage

Levers

Mechanical advantage

Pedal ratio

Static friction

Weight bias

Weight transfer

Work