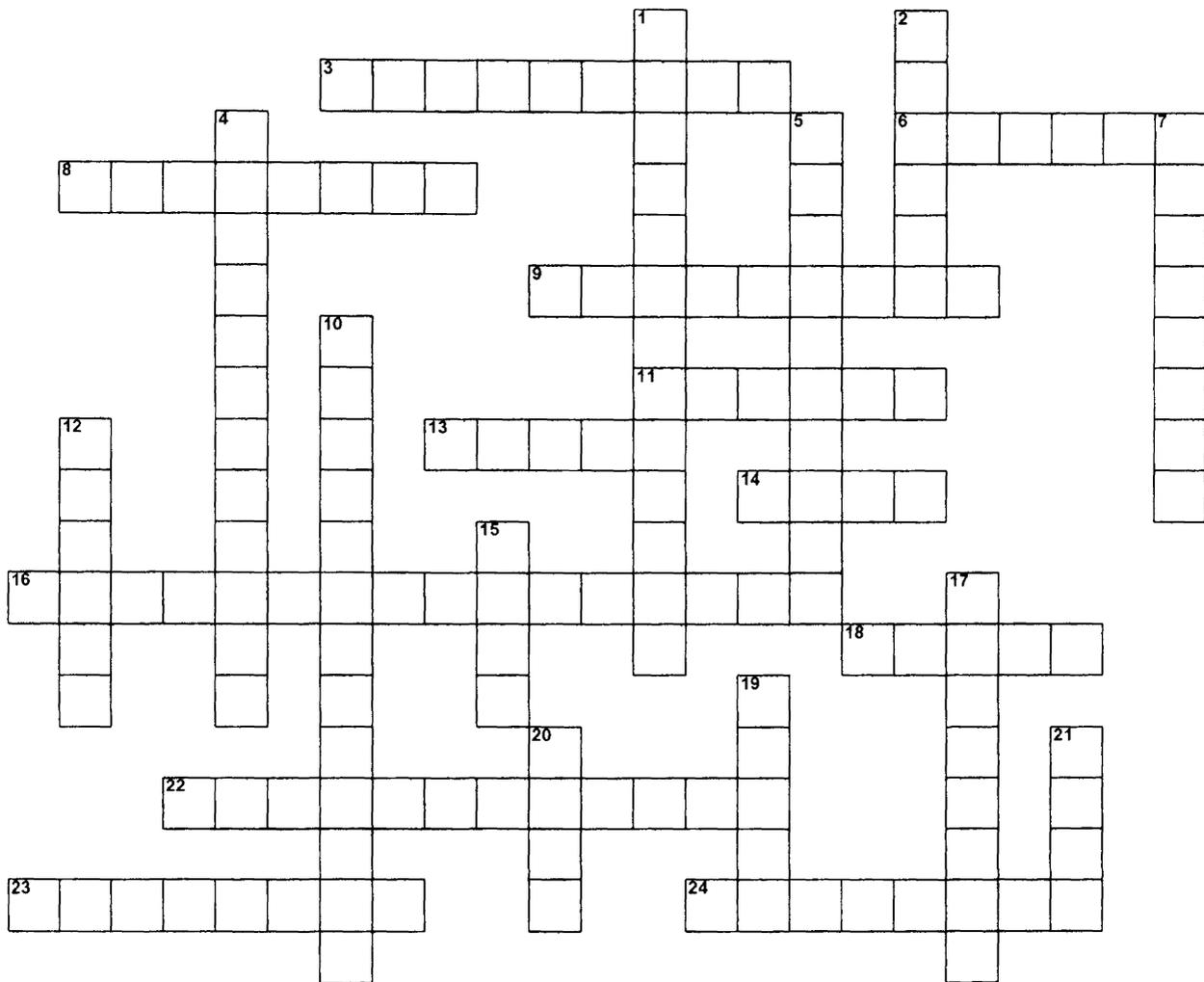


FORCES CROSSWORD



© 2007 C. Funnell

ACROSS

- 3 Increase in length
 6 A quantity measured in newtons
 8 This is low when the floor is wet
 9 The sum of all the forces on an object
 11 $F = m \times a$ is known as Newton's _____ law
 13 the point around which an object turns
 14 A quantity measured in kilograms
 16 The fastest you can fall? (8,8)
 18 A push or a pull
 22 Hooke's law states that extension is _____ to load
 23 Forces which produce no acceleration ?
 24 _____ = area under a speed-time graph

DOWN

- 1 It can slow you down (3,10)
 2 Unit of force
 4 Rate of change of velocity
 5 A horizontal line on a d-t graph means an object is _____
 7 The distance travelled in a car before the driver is able to react
 10 A diagonal line on a d-t graph means _____
 12 Turning effect of a force
 15 prefix for 1 million
 17 Speed equals the _____ of a distance time graph
 19 prefix for 1/1000
 20 prefix for 1000
 21 acceleration = change in velocity / ?

