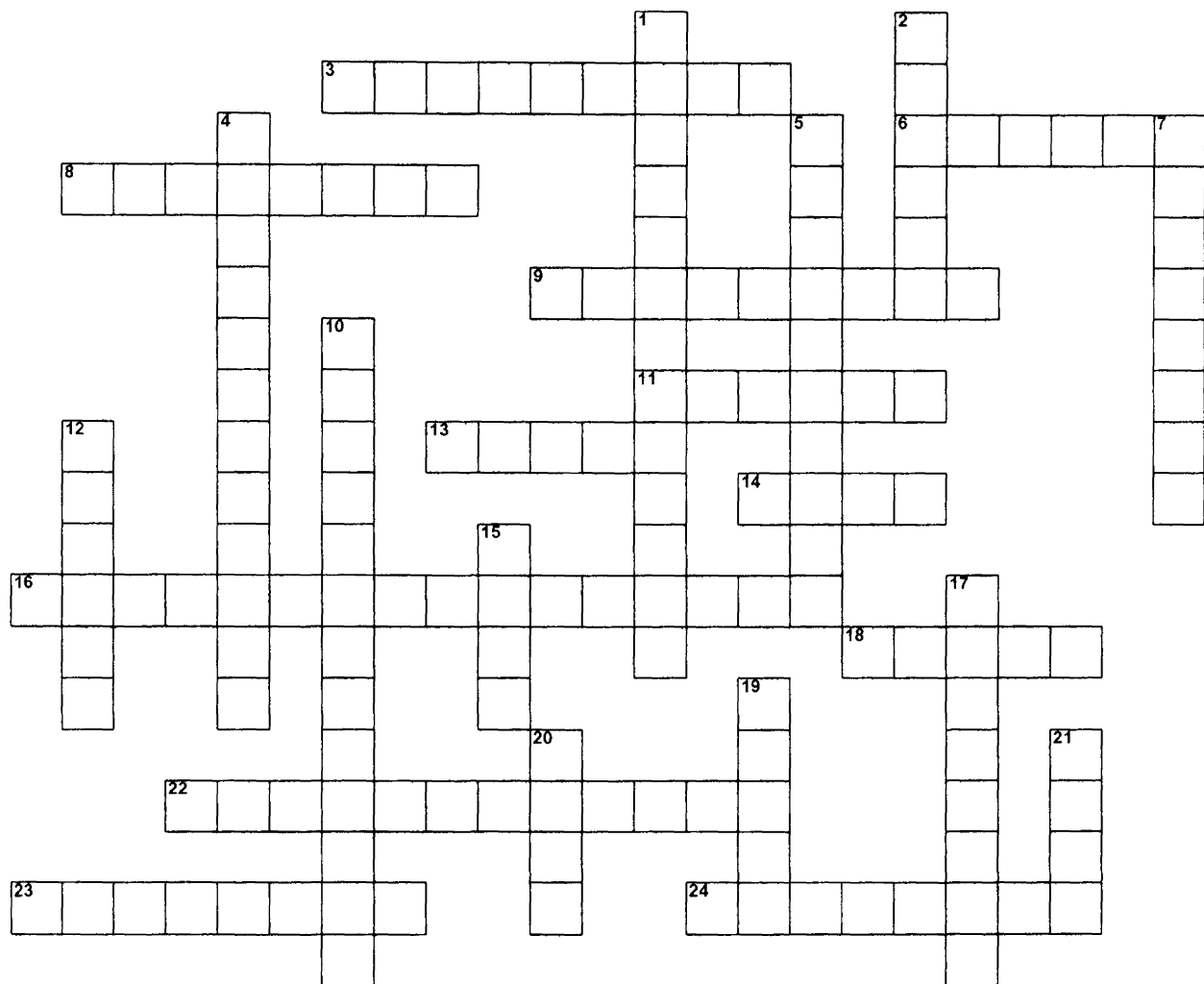


# FORCES CROSSWORD



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## 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 / ?

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Solution:

