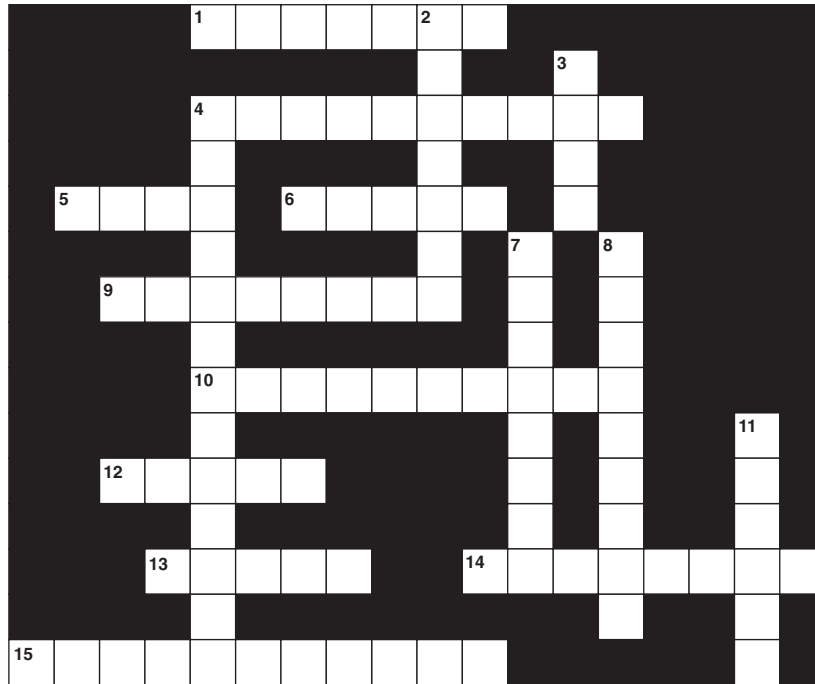


# Structaword – Standard Crossword



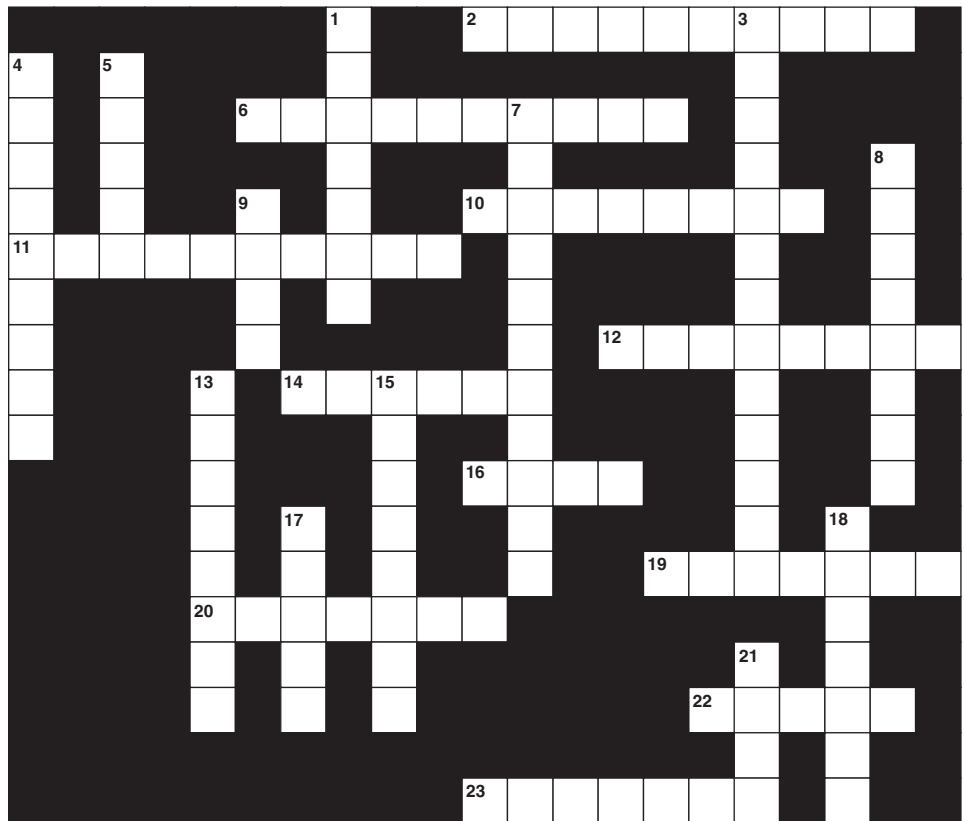
**ACROSS**

- 1 This tries to pull down a structure
- 4 A type of bridge
- 5 This applies a strong horizontal force on tall buildings
- 6 Type of engineer involved in bridge design and construction
- 9 The structure that gives you shape
- 10 Strong winds apply this kind of force
- 12 All structures need to be able to resist this
- 13 A type of structure
- 14 One of the strongest geometric shapes used in designing bridges
- 15 A force that can ‘squash’ a member

**DOWN**

- 2 A force that can ‘stretch’ a beam
- 3 All structures have to support this
- 4 Australia’s most famous bridge spans this (2 words)
- 7 Highest building in the Southern Hemisphere
- 8 He was once a painter on Sydney Harbour Bridge (2 words)
- 11 These are used in structures to help provide strength

# Structaword – Advanced Crossword



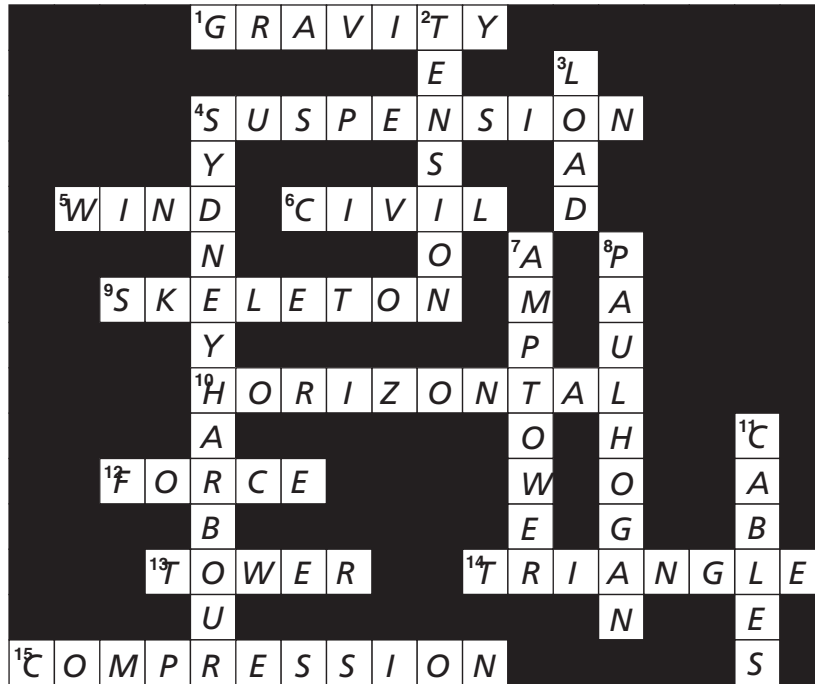
**ACROSS**

- 2 A type of bridge
- 6 The characteristic that makes a material return into shape when a force tries to push or pull it
- 10 Highest building in the Southern Hemisphere
- 11 Strong winds apply this kind of force
- 12 One of the strongest geometric shapes used on designing bridges
- 14 These are used in structures to help provide strength
- 16 This applies a strong horizontal force on tall buildings
- 19 This sits on top of the shaft of a tower
- 20 This occurs when a load causes a member to twist around its own axis
- 22 Type of engineering involved in bridge design and construction
- 23 When a structure gives way under load

**DOWN**

- 1 This tries to pull down a structure
- 3 Australia’s most famous bridge spans this (2 words)
- 4 He was once a painter on Sydney Harbour Bridge (2 words)
- 5 A type of structure
- 7 A force that can ‘squash’ a member
- 8 The weight of a structure that it must be able to carry (2 words)
- 9 All structures have to support this
- 13 The structure that gives you shape
- 15 This occurs when a member is subjected to compression
- 17 All structures need to be able to resist this
- 18 A force that can ‘stretch’ a beam
- 21 A car crossing a bridge is a \_\_\_\_\_ load

# ***Structaword – Standard Crossword Answers***



# Structaword - Advanced Crossword Answers

