

# $E=mc^2$ Puzzle

Be a problem-solver like Albert Einstein! First, complete the crossword. (Use the jumbled word bank for extra hints.) Then rearrange the letters in the circled spaces to answer this riddle:

Einstein often talked about keeping things simple, in science and in life.  
 What did Einstein decide was "just a waste of time," and so he stopped using them?

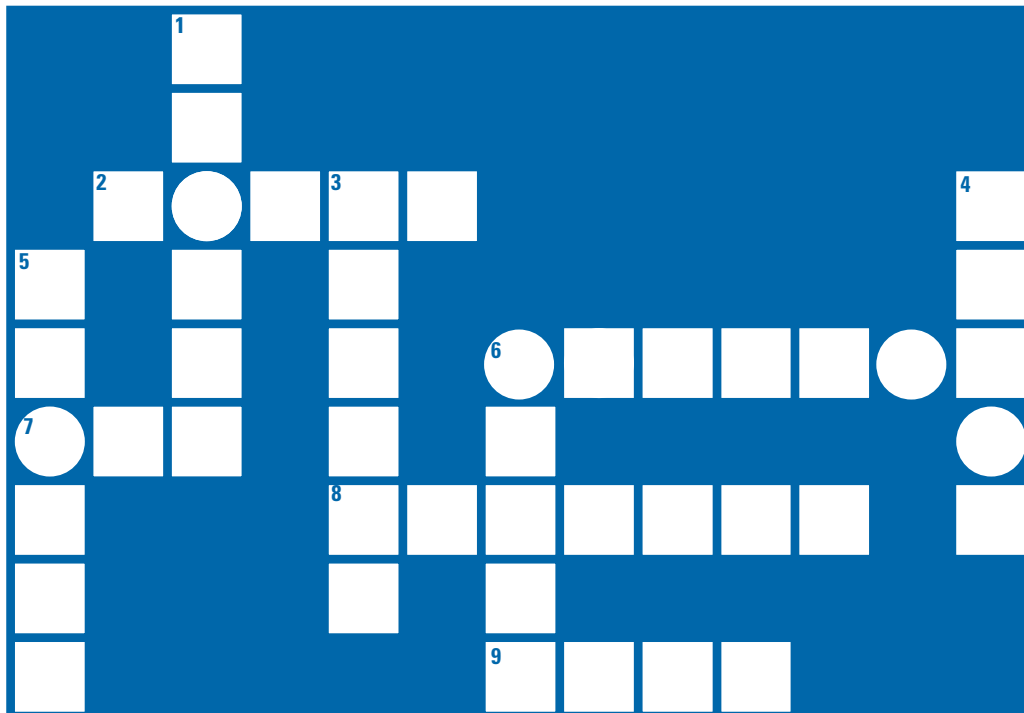
— — — — —

## Across

- 2 Scientists can win this famous prize for outstanding work.
- 6 As a child, Einstein was fascinated by this object that always points north.
- 7  $E=mc^2$  explains how the \_\_\_\_\_ shines. Atoms inside are squeezed together into new atoms, and some of their mass is converted to energy.
- 8 Einstein was born in this country, whose capital today is Berlin.
- 9  $E=mc^2$  explains how the radioactive material inside an \_\_\_\_\_ sign gives off a red glow.

## Down

- 1 Einstein enjoyed playing this musical instrument.
- 3 In Einstein's famous equation,  $E$  stands for \_\_\_\_\_.
- 4 Einstein predicted that building nuclear weapons would be a \_\_\_\_\_ business.
- 5 Squaring a number means multiplying it by \_\_\_\_\_.
- 6 Marie \_\_\_\_\_ investigated radioactivity with her husband, Pierre.



## Word Bank

NEYGER  
 RKSIY  
 BEONL  
 RMEGYNA  
 STLEIF  
 CRIEU  
 TEXI  
 NSU  
 PSMACOS  
 OLIIVN