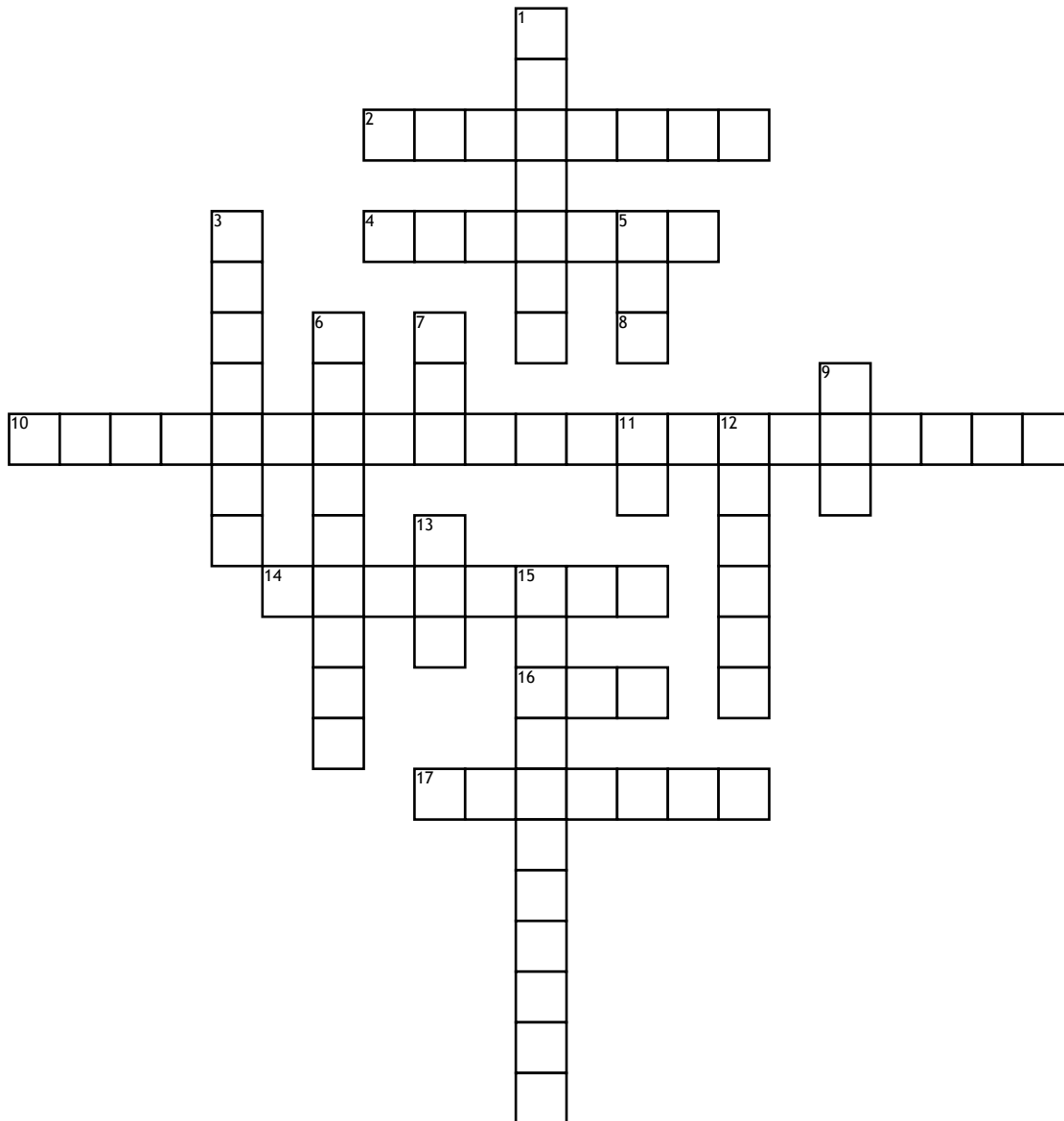


# quick maths



## Across

2. In 2012, New York City (NYC) and Los Angeles (LA) has the highest population of any cities in the United States. NYC's population was about  $8.1 \times 10^6$  and LA's population was about  $3.8 \times 10^6$ . What is the population of these two cities combined?

4. In 2013 the Los Angeles Dodgers opening day payroll was about  $\$2.16 \times 10^8$  and the Houston Astros opening day payroll was about  $\$2.4 \times 10^7$ . How much higher was the Dodgers' payroll?

8. what is the cube root of  $\sqrt[3]{729}$

10. Convert 5326.6 to standard to scientific to standard

14. In 2012, the population of New York State (NY) was about  $2 \times 10^7$  and the population of the State of Oregon (OR) was about  $4 \times 10^7$ . How many times the population of OR is NY?

16. Change .85 to a percent

17. divide  $4^{3/4} \times 2$

## Down

1. A corporation earned a profit of  $\$2.5 \times 10^4$  for  $1 \times 10^3$  days in a row .What was the corporation's total profit during this time period?

3. multiply  $5^2 \times 5^6$

5. Change 0.1111111111 to a fraction

6.  $(5006^2)^7$

7.  $3^{-4} / 3^{-2}$

9. Change  $\frac{1}{4}$  to a percent

11. What is the square root of  $\sqrt{196}$

12.  $3.57069 \times 10^5$

13.  $(10^2)^7$

15. Change  $\frac{8}{9}$  to a decimal