

# Chinese New Year Code Breaker

## Amazing Chinese New Year Records

- During Chinese New Year, people travel home to spend time with family. In 2017, this was recorded as the largest human migration with a record-breaking 2.26 billion train journeys.
- The most popular TV programme to watch at Chinese New Year in China is the Spring Festival Gala Variety Show. In 2012, it achieved a world record for the largest TV audience: a whopping 498,659,000 viewers!
- It was on the Spring Festival Gala Variety Show in 2016 that a world record was set for the most robots dancing at the same time: 540 robots as the backing dancers for Sun Nan, a famous Chinese singer.

## Challenge

Solve the maths calculations on the following pages to spell out some animals from the Chinese zodiac the names of some traditional Chinese New Year things using the code below:

A	B	C	D	E	F	G	H	I	J	K	L	M
26	25	24	23	22	21	20	19	18	17	16	15	14

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
13	12	11	10	9	8	7	6	5	4	3	2	1

## You might also want to find out:

- What people eat at Chinese New Year;
- What your zodiac animal is;
- How the dates for Chinese New Year are set.

# Chinese New Year Code Breaker

## Animal Challenge

1

	Answer	Letter
$46 \div 2$		
$3 \times 4$		
$80 \div 4$		

Animal: \_\_\_\_\_

2

	Answer	Letter
$27 \div 3$		
$48 \div 4$		
$72 \div 6$		
$40 \div 5$		
$35 \div 5$		
$66 \div 3$		
$36 \div 4$		

Animal: \_\_\_\_\_

3

	Answer	Letter
$7 \times 2$		
$2 \times 6$		
$39 \div 3$		
$4 \times 4$		
$11 \times 2$		
$100 \div 50$		

Animal: \_\_\_\_\_

4

	Answer	Letter
$64 \div 8$		
$52 \div 4$		
$13 \times 2$		
$32 \div 2$		
$44 \div 2$		

Animal: \_\_\_\_\_

5

	Answer	Letter
$45 \div 5$		
$52 \div 2$		
$28 \div 4$		

Animal: \_\_\_\_\_

6

	Answer	Letter
$60 \div 5$		
$9 \div 3$		

Animal: \_\_\_\_\_

# Chinese New Year Code Breaker

## Traditions Challenge

1

	Answer	Letter
$230 \div 10$		
$90 \div 10$		
$2.6 \times 10$		
$2 \times 10$		
$1.2 \times 10$		
$1300 \div 100$		
$2300 \div 100$		
$0.26 \times 100$		
$1.3 \times 10$		
$2.4 \times 10$		
$2200 \div 100$		

Tradition: \_\_\_\_\_

3

	Answer	Letter
$1.5 \times 10$		
$260 \div 10$		
$0.13 \times 100$		
$70 \div 10$		
$0.022 \times 1000$		
$0.09 \times 100$		
$0.13 \times 100$		
$800 \div 100$		

Tradition: \_\_\_\_\_

2

	Answer	Letter
$0.21 \times 100$		
$1.8 \times 10$		
$0.9 \times 10$		
$2.2 \times 10$		
$0.04 \times 100$		
$0.12 \times 100$		
$0.09 \times 100$		
$160 \div 10$		
$80 \div 10$		

Tradition: \_\_\_\_\_

4

	Answer	Letter
$900 \div 100$		
$0.22 \times 100$		
$2.3 \times 10$		
$220 \div 10$		
$130 \div 10$		
$0.05 \times 100$		
$22\ 000 \div 1000$		
$1500 \div 100$		
$1200 \div 100$		
$110 \div 10$		
$(110 \div 10) \times 2$		
$0.08 \times 100$		

Tradition: \_\_\_\_\_

# Chinese New Year Code Breaker Key Phrases

1

	$\frac{1}{2}$ of 32	$\frac{1}{10}$ of 60	$\frac{1}{3}$ of 39	$\frac{1}{3}$ of 60	$\frac{1}{10}$ of 190	$\frac{1}{10}$ of 220	$\frac{1}{3}$ of 54	$\frac{1}{2}$ of 24	$\frac{1}{10}$ of 260	$\frac{1}{2}$ of 14	$\frac{1}{4}$ of 96	$\frac{19}{20}$ of 20	$\frac{1}{10}$ of 120	$\frac{1}{100}$ of 200
Answer														
Letter														

Phrase: \_\_\_\_\_

2

	$\frac{3}{8}$ of 24	$\frac{11}{12}$ of 24	$\frac{1}{5}$ of 115	$\frac{6}{7}$ of 21	$\frac{1}{11}$ of 88	$\frac{1}{10}$ of 36	$\frac{1}{12}$ of 28	$\frac{8}{15}$ of 45	$\frac{4}{9}$ of 36	$\frac{2}{15}$ of 15
Answer										
Letter										

Phrase: \_\_\_\_\_

3

	$\frac{6}{15}$ of 60	$\frac{1}{3}$ of 57	$\frac{9}{13}$ of 26	$\frac{1}{5}$ of 65	$\frac{2}{5}$ of 55	$\frac{4}{12}$ of 24	$\frac{11}{20}$ of 40	$\frac{1}{10}$ of 10	$\frac{4}{9}$ of 27	$\frac{1}{8}$ of 184	$\frac{9}{20}$ of 40	$\frac{13}{50}$ of 30	$\frac{12}{50}$ of 100
Answer													
Letter													

Phrase: \_\_\_\_\_

# Chinese New Year Code Breaker

## Answers

### Zodiac Animals Challenge

1. Dog
2. Rooster
3. Monkey
4. Snake
5. Rat
6. Ox

### Traditions Challenge

1. Dragon Dance
2. Fireworks
3. Lanterns
4. Red Envelopes

### Key Phrases Challenge

1. Kung Hei Fat Choy
2. Red is lucky
3. Chinese Zodiac