1. Chinese Zodiac Code Breaker Maths Activity - Addition and Subtraction

Solve the maths calculations below to spell out some of the Chinese zodiac animals.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **J** | **K** | **L** | **M** |
| 2465 | 8217 | 3355 | 9238 | 5727 | 4457 | 6812 | 4263 | 6801 | 8521 | 3438 | 9257 | 6232 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **N** | **O** | **P** | **Q** | **R** | **S** | **T** | **U** | **V** | **W** | **X** | **Y** | **Z** |
| 1168 | 3043 | 7269 | 8816 | 3896 | 7752 | 6733 | 7666 | 2049 | 8571 | 3233 | 4851 | 7247 |

|  |  |  |
| --- | --- | --- |
| **1.** | **Answer** | **Letter** |
| 5487 + 2265 |  |  |
| 394 + 774 |  |  |
| 896 + 1569 |  |  |
| 2119 + 1319 |  |  |
| 1036 + 4691 |  |  |



|  |  |  |
| --- | --- | --- |
| **2.** | **Answer** | **Letter** |
| 544 + 3896 |  |  |
| 3042 - 577 |  |  |
| 2206 + 6011 |  |  |
| 9195 - 978 |  |  |
| 7850 - 1049 |  |  |
| 162 + 6571 |  |  |

|  |  |  |
| --- | --- | --- |
| **3.** | **Answer** | **Letter** |
| 10137 - 899 |  |  |
| 3019 + 877 |  |  |
| 3520 - 1055 |  |  |
| 6149 + 663 |  |  |
| 3765 - 722 |  |  |
| 271 + 897 |  |  |

2. Chinese Zodiac Code Breaker Maths Activity – Fractions and Percentages

Solve the maths calculations below to spell out some of the Chinese zodiac animals.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **J** | **K** | **L** | **M** |
| 5 | 34 | 77 | 4 | 18 | 23 | 57 | 1 | 11 | 37 | 88 | 67 | 56 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **N** | **O** | **P** | **Q** | **R** | **S** | **T** | **U** | **V** | **W** | **X** | **Y** | **Z** |
| 123 | 26 | 9 | 7 | 10 | 12 | 21 | 63 | 86 | 99 | 44 | 28 | 81 |

|  |  |  |
| --- | --- | --- |
| **1.** | **Answer** | **Letter** |
| $\frac{3}{8}$ of 56 |  |  |
| $\frac{2}{3}$ of 39 |  |  |
| $\frac{3}{4}$ of 76 |  |  |
| $\frac{2}{8}$ of 72 |  |  |
| $\frac{5}{6}$ of 12 |  |  |



|  |  |  |
| --- | --- | --- |
| **2.** | **Answer** | **Letter** |
| 12.5% of 8 |  |  |
| 25% of 88 |  |  |
| 40% of 25 |  |  |
| 80% of 15 |  |  |
| 75% of 24 |  |  |

|  |  |  |
| --- | --- | --- |
| **3.** | **Answer** | **Letter** |
| 60% of 15 |  |  |
| 40% of 65 |  |  |
| $\frac{1}{9}$ of 513 |  |  |

3. Chinese Zodiac Code Breaker Maths Activity – Multiplication and Division

Solve the maths calculations below to spell out some of the Chinese zodiac animals.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **J** | **K** | **L** | **M** |
| 872 | 212 | 543 | 822 | 297 | 45 | 388 | 991 | 290 | 342 | 468 | 100 | 972 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **N** | **O** | **P** | **Q** | **R** | **S** | **T** | **U** | **V** | **W** | **X** | **Y** | **Z** |
| 602 | 656 | 500 | 251 | 284 | 912 | 408 | 777 | 388 | 481 | 766 | 93 | 981 |

|  |  |  |
| --- | --- | --- |
| **1.** | **Answer** | **Letter** |
| 1704 ÷ 6 |  |  |
| 82 x 8 |  |  |
| 1968 ÷ 3 |  |  |
| 304 x 3 |  |  |
| 3672 ÷ 9 |  |  |
| 1188 ÷ 4 |  |  |
| 71 x 4 |  |  |



|  |  |  |
| --- | --- | --- |
| **2.** | **Answer** | **Letter** |
| 6804 ÷ 7 |  |  |
| 7872 ÷ 12 |  |  |
| 5418 ÷ 9 |  |  |
| 52 x 9 |  |  |
| 99 x 3 |  |  |
| 558 ÷ 6 |  |  |

|  |  |  |
| --- | --- | --- |
| **3.** | **Answer** | **Letter** |
| 142 x 2 |  |  |
| 109 x 8 |  |  |
| 2448 ÷ 6 |  |  |

1. Chinese Zodiac Code Breaker Maths Activity - Addition and Subtraction **ANSWERS**

|  |  |  |
| --- | --- | --- |
| **1.** | **Answer** | **Letter** |
| 5487 + 2265 | 7752 | S |
| 394 + 774 | 1168 | N |
| 896 + 1569 | 2465 | A |
| 2119 + 1319 | 3438 | K |
| 1036 + 4691 | 5727 | E |

|  |  |  |
| --- | --- | --- |
| **2.** | **Answer** | **Letter** |
| 544 + 3896 | 3896 | R |
| 3042 - 577 | 2465 | A |
| 2206 + 6011 | 8217 | B |
| 9195 - 978 | 8217 | B |
| 7850 - 1049 | 6801 | I |
| 162 + 6571 | 6733 | T |

|  |  |  |
| --- | --- | --- |
| **3.** | **Answer** | **Letter** |
| 10137 - 899 | 9238 | D |
| 3019 + 877 | 3896 | R |
| 3520 - 1055 | 2465 | A |
| 6149 + 663 | 6812 | G |
| 3765 - 722 | 3043 | O |
| 271 + 897 | 1168 | N |

2. Chinese Zodiac Code Breaker Maths Activity – Fractions and Percentages

**ANSWERS**

|  |  |  |
| --- | --- | --- |
| **1.** | **Answer** | **Letter** |
| $\frac{3}{8}$ of 56 | 21 | T |
| $\frac{2}{3}$ of 39 | 26 | I |
| $\frac{3}{4}$ of 76 | 57 | G |
| $\frac{2}{8}$ of 72 | 18 | E |
| $\frac{5}{6}$ of 12 | 10 | R |

|  |  |  |
| --- | --- | --- |
| **2.** | **Answer** | **Letter** |
| 12.5% of 8 | 1 | H |
| 25% of 88 | 20 | O |
| 40% of 25 | 10 | R |
| 80% of 15 | 12 | S |
| 75% of 24 | 18 | E |

|  |  |  |
| --- | --- | --- |
| **3.** | **Answer** | **Letter** |
| 60% of 15 | 9 | P |
| 40% of 65 | 26 | I |
| $\frac{1}{9}$ of 513 | 57 | G |

3. Chinese Zodiac Code Breaker Maths Activity – Multiplication and Division

**ANSWERS**

|  |  |  |
| --- | --- | --- |
| **1.** | **Answer** | **Letter** |
| 1704 ÷ 6 | 284 | R |
| 82 x 8 | 656 | O |
| 1968 ÷ 3 | 656 | O |
| 304 x 3 | 912 | S |
| 3672 ÷ 9 | 408 | T |
| 1188 ÷ 4 | 297 | E |
| 71 x 4 | 284 | R |

|  |  |  |
| --- | --- | --- |
| **2.** | **Answer** | **Letter** |
| 6804 ÷ 7 | 972 | M |
| 7872 ÷ 12 | 656 | O |
| 5418 ÷ 9 | 602 | N |
| 52 x 9 | 468 | K |
| 99 x 3 | 297 | E |
| 558 ÷ 6 | 93 | Y |

|  |  |  |
| --- | --- | --- |
| **3.** | **Answer** | **Letter** |
| 142 x 2 | 284 | R |
| 109 x 8 | 872 | A |
| 2448 ÷ 6 | 408 | T |