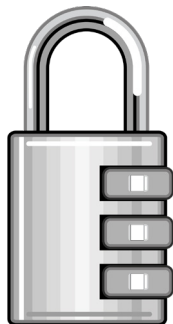


• Crack the Code •

“Crack the code” by using the clues to find the 3-digit number.

1)

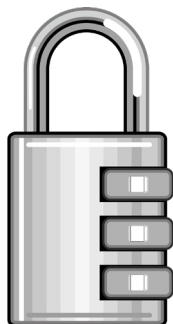


Clues:

- The *ones* digit is *half* the *hundreds* digit.
- The *tens* digit is *triple* the *hundreds* digit.

Code: 2 6 1

2)

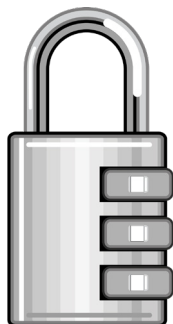


Clues:

- The 3-digit number is a *palindrome*: it reads the same forward and backward.
- The *tens* digit is a *perfect square* and the *largest* digit.
- The *ones* digit is two to the third power.

Code: 8 9 8

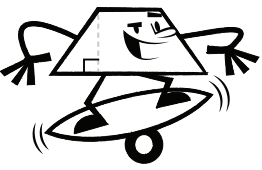
3)



Clues:

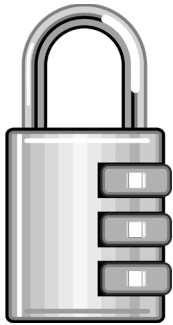
- The 3-digit number is *1 more* than a multiple of 3.
- The *hundreds* digit is double the *tens* digit.
- The *ones* digit is *1 more* than the *tens* digit.

Code: 6 3 4



• Crack the Code •

4)

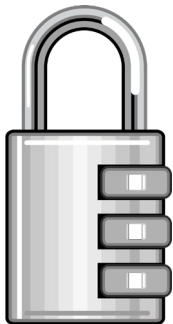


Clues:

- All of the digits are *different*.
- All of the digits are *prime*.
- The *ones* digit is the sum of the digits in the *tens* and *hundreds* places.
- The 3-digit number is *greater* than 400.

Code: 5 2 7

5)



Clues:

- One digit is *correct* and in the *correct place* in the guess "519".
- One digit is *correct* but in the *wrong place* in the guess "508".
- Two digits are *correct* but in the *wrong places* in the guess "904".
- No three digits are the same.
- One digit is *correct* but in the *wrong place* in the guess "684".

Code: 4 1 0