Encoder

Decoder

11 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 12 B C D E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A 13 C D E F G H I J K L M N O P O R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B 14 D E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C 15 E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D 16 F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E 21 G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F 22 H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G 23 I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J 26 L M N O P O R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K 31 M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L 32 N O P O R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M O P O R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N 34 P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O 41 S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O R 42 T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S 43 U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O R S T 44 V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O R S T U 45 W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V 46 X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W 51 Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X 54 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 55 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 56 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z 0 1 2 61 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 62 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 63 6 7 8 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z O 1 2 3 4 5 64 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 65 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 66 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z 0 1 2 3 4 5 6 7 8

11 A B C D E F G H I J K L M N O P O R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 66 B C D E F G H I J K L M N O P O R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A 65 C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B 64 DEFGHIJKLMNOPORSTUVWXYZ0123456789ABC 63 E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D 62 F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E 61 G H I J K L M N O P O R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F 56 H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G 55 I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H 54 J K L M N O P O R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I 53 K L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J 52 L M N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K 51 M N O P O R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L 46 N O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M 45 O P Q R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N 44 P O R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O 43 O R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P 42 R S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q 41 S T U V W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R TUVWXYZ0123456789ABCDEFGHIJKLMNOPORS U V W X Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T 33 W X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V 32 X Y Z O 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W 31 Y Z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O R S T U V W X 24 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z 0 22 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 21 4 5 6 7 8 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z 0 1 2 3 16 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z O 1 2 3 4 15 6 7 8 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z O 1 2 3 4 5 14 7 8 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z O 1 2 3 4 5 6 13 8 9 A B C D E F G H I J K L M N O P O R S T U V W X Y Z 0 1 2 3 4 5 6 7 12 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9



Double Dice OTP Encoder/Decoder

There's no space character, so we'll use 0 (zero) instead.

When digits appear in your cleartext message, skip the surrounding Os that would normally indicate spaces.

Examples:

MEETOATOPARK7PM CALLOCASEY2156823032

Pad the end of your message with 0s to obscure the length. If your message ends with a digit, you can pad the beginning instead to avoid ambiguity.

ALLOCLEAROFORONOWOOO (padded to 20 characters)