

**Name:** \_\_\_\_\_ **score:** \_\_\_\_\_ / 10

There are 10 points possible on this quiz. No aids (book, notes, etc.) are permitted. You may use a calculator. **Show all work and supporting calculations for full credit. Explain how you get your answers.**

A tabula recta is available.

1. (2 points) **Encrypt** the message IT'S FRIDAY using an alphabetic Caesar cipher with shift 5 (A to F).

2. (2 points) **Decrypt** the message YFPJ F GWJFYM using an alphabetic Caesar cipher with shift 5 (A to F).

3. (2 points) **Encrypt** the message APRIL 11 2025 using the substitution table below.

original	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
maps to	9	8	7	6	5	4	3	2	1	0	D	C	B	A	H	G	F	E

original	S	T	U	V	W	X	Y	Z	0	1	2	3	4	5	6	7	8	9
maps to	L	K	J	I	P	O	N	M	T	S	Q	R	V	U	Y	X	W	Z

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