

Team Number: C- _____ Team Name: _____

Individual Names: _____

Final Score: ____ /

Codebusters **KEY**



- Keep this test closed until told to start by the proctor. You will have 50 minutes to complete this test.
- You will have up to 10 minutes to complete the first question. When you get an answer, have one team member raise their hand and the proctor will come to check your answer and record the time. After 10 minutes is up, the first question will be worth 0 points.
- You may take apart this test, but you must turn it in in the correct order.
- Good luck!

Key

1) **[4(600-# of seconds to finish)]** IF YOU ARE GOING TO BE A PHYSICIST, YOU WILL HAVE A LOT TO STUDY: TWO HUNDRED YEARS OF THE MOST RAPIDLY DEVELOPING FIELD OF KNOWLEDGE THAT THERE IS. SO MUCH KNOWLEDGE, IN FACT, THAT YOU MIGHT THINK THAT YOU CANNOT LEARN ALL OF IT IN FOUR YEARS, AND TRULY YOU CANNOT; YOU WILL HAVE TO GO TO GRADUATE SCHOOL TOO!

2) **[100 points]** DID YOU MISS ME?

3) **[200 points]** J LV QGX GXLKQ BA ULXPYXNN.

4) **[200 points]** WHAT WOULD YOU ASK OF ME?

5) **[300 points]** LIFE GOES BY QUICKLY; DON'T BLINK OR YOU'LL MISS IT.

6) **[300 points]** TEN YEARS IS A LONG TIME...

7) **[200 points]** BUT I; NO, WE; CAN HANDLE IT

8) **[300 points]** $\begin{bmatrix} 3 & -1 \\ -11 & 4 \end{bmatrix}$

9) **[300 points]** E AWCY HN OAC NWKY; LYOUNP, HSOVCNU, ZNVBS,; LFE JSTMI KTNA
KU BCVTK YOUNIQT ZTBJ.

10) **[350 points]** BELIEF IS JUST BLIND HOPE FOR A DESPERATE MAN TO THROW HIMSELF INTO.

11) **[400 points]** TO KEEP CHARGING AHEAD WITH NO ONE THERE FOR YOU EXCEPT THE ONE IN YOUR HEART AND MIND; AT THE END OF THE DAY, THAT'S ALL WE NEED.

12) **[300 points]** AABABABBBABAAAABAABABAABAAAABAABB
BAABBAABBBAABAA AABBAABBBAABBBAAAAABB.

13) **[400 points]** FIGHT BACK WITH ALL YOU HAVE AND MAKE IT A GOOD ONE.

14) **[200 points]** VGH NSSL, VGH BDL, VGH HXOC; DUHR'V VGHJ DCC VGH EDIH?

15) **[500 points]** HIT THEM WITH ALL YOU'VE GOT. ONCE. TWICE. MAKE ALL THE PUNCHES COUNT. SHOW THEM WHAT YOU'VE GOT. IT'S GOING TO BE A PAINFUL RIDE, BUT THE VIEW AT THE END IS WORTH IT. TRUST ME.