

## Most likely number of contactable alien civilizations is 36

### Level 1 • Pre-intermediate / Intermediate

#### KEY

##### 1 Warmer

- b. According to NASA, there are currently five planets classified as dwarf planets: Ceres, Pluto, Makemake, Haumea and Eris. The planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.
- a. A light year is the distance that light travels in vacuum in one Julian year (365.25 days).
- b. A light year measures 9.46 trillion kilometres.
- b.
- b.

**Teacher's note:** Get the students to do this quiz in teams, and see which team gets the most correct answers.

##### 2 Key words

- calculation
- civilization
- communicate
- estimate
- research
- equation
- tool
- assumption
- form
- reasonable
- likely
- survive

##### 3 Comprehension check

- T
- F – They say that we might be able to speak to them in just over 6,000 years from now.
- F – They think that alien life forms will probably look similar to us.
- T
- T

##### 4 Space vocabulary

- b
- e
- a
- f
- c
- d

##### 5 Word stress

- a.
- b
- h
- c
- e
- a/g
- a/g
- f
- d

**Teacher's note:** Get students to listen to the words on [www.macmillandictionary.com](http://www.macmillandictionary.com) by clicking on the speaker symbol below the word. Tell them to tap out the syllables of the word as they hear them spoken.