

UNIT 14: SIX, SEVEN, EIGHT



Root Word	Meaning	Origin
hex/sex	six	Latin
sept	seven	Latin
oct	eight	Greek



- hexagon** (n) - a 2-dimensional figure that has six angles and six sides
*We drew an irregular **hexagon** with each of its six sides a different length.*
- sextant** (n) - a sixth of a circle; an instrument used to determine the position of a ship or airplane by measuring the positions of the stars and sun
*Early explorers always had a **sextant** on their ships to determine their location.*
- September** (n) - The ninth month of the year, formerly the seventh
***September** used to be the seventh month of the year, before July and August were added to the calendar; now it is the ninth month.*
- septennial** (adj) - lasting for seven years; happening once every seven years
*Since the class of 2010 didn't want to wait another ten years to see each other again, they decided to organize a **septennial** reunion for 2017.*
- septet** (n) - a group of seven singers or musicians who perform together; a piece of music that is meant to be performed by seven people
*The six musicians were looking for one more member to create a **septet**.*
- septuagenarian** (n) - a person who is between 70 and 79 years old
*Instead of saying that my grandfather is in his seventies, I like to call him a **septuagenarian**.*
- octagon** (n) - a flat shape that has eight sides and eight angles
*The most common example of an **octagon** is the eight-sided stop sign.*
- octave** (n) - a group of eight, such as eight lines or eight musical notes
*Please play the same song on your piano one **octave** higher.*
- October** (n) - the tenth month of the year, formerly the eighth
***October** used to be the eighth month of the year, before July and August were added to the calendar; now it is the tenth month.*
- octopus** (n) - a sea animal that has a soft body and eight long arms
*We could see all eight arms of the **octopus** as it swam in the water.*

14A: SENTENCE COMPLETION

DIRECTIONS: Complete the following sentences with the correct word from your list. Each word will be used only once.



hexagon
sextant
September
septennial
septet
septuagenarian
octagon
octave
October
octopus

1. The house was in the shape of an _____, eight separate bedrooms on each side.
2. I tried to sing the song one _____ lower.
3. He is seventy-one years old but you would never guess he was an _____ by looking at him.
4. Three _____ will make one half of a circle.
5. I love _____ because I like to celebrate Halloween.
6. The _____ wrapped its arms around its prey.
7. The _____ included the drums, a saxophone, a trumpet, a base guitar, a piano, a clarinet, and a trombone.
8. A _____ event only takes every seven years.
9. Most schools start in August or _____.
10. A polygon with six sides is also known as a _____.

14B: YES OR NO?

DIRECTIONS: Respond to the following statements by circling "Yes" or "No."

1. **Yes** **No** An octagon has an odd number of sides.
2. **Yes** **No** A septuagenarian is a person who is born in September.
3. **Yes** **No** A sextant was an important tool for navigation.
4. **Yes** **No** September is the seventh month of the year.
5. **Yes** **No** October used to be the tenth month of the year.
6. **Yes** **No** A septennial event takes place seven times a year.
7. **Yes** **No** An octopus was named after the number of arms it has.
8. **Yes** **No** A septet is a musical group with six members.
9. **Yes** **No** A hexagon is an example of a quadrilateral.
10. **Yes** **No** The word octave relates to musical pitch, or sound differences in music.