# Frog Fractions

**ANSWER:** ACTOR

*Written by: Orion Bloomfield*

Although referenced in both the title and flavor text, this puzzle requires no use of actual numbers. Instead, the sense of "common denominator" has a more metaphorical translation; what do the pairs listed have in common? How can you simplify outwards by extending the pair relationship?

First, you start by simplifying the innermost group of 5:
(Reading the fractions bottom to top, as the frog in the flash game Frog Fractions would)

```
OAKPARKILLINOIS  /  WIFENAMEDHADLEY            => Ernest Hemingway


ROSESAREROSESAREROSE  /  DEFINITELYHOMOSEXUAL  => Gertrude Stein


FASCISTIDEAOLOGY  /  POETICSOFIMAGISM          => Ezra Pound


DEFINITELYALCOHOLIC  /  STPAULACADEMYSCHOOL    => F. Scott Fitzgerald


STUBBSGAZETTE  /  KNOWNCYNOPHOB                => James Joyce
```

The" common denominator" of these five authors and poets is that they are the keystone members of the Lost Generation movement of writers residing in Paris.

Expanding the scope of our fraction:

```
LOSTGENERATION  /  (NOBLEBARNES / TYPEOFSTORE)

= LOSTGENERATION  /  BOOKSTORE     => SHAKESPEARE AND COMPANY BOOKSTORE
```

.. Further escaping the nested fraction:

```
SHAKESPEAREANDCOMPANY  /  (CONSPIRACY / DELICIOUS!)
      => BACONIAN THEORY OF SHAKESPEARE AUTHORSHIP
```

.. slotting in BACON for the 5 blanks given.

The final fraction:

$$\text{BACON} \Big/ (\text{ALIVETODAYWITHDEGREES} / \text{WHATSHISOCCUPATION})$$

KEVIN BACON is the final person of interest (referencing the *[Six Degrees of Kevin Bacon](#)*), and following the final "common denominator", the answer to the puzzle is Bacon's occupation of **ACTOR**