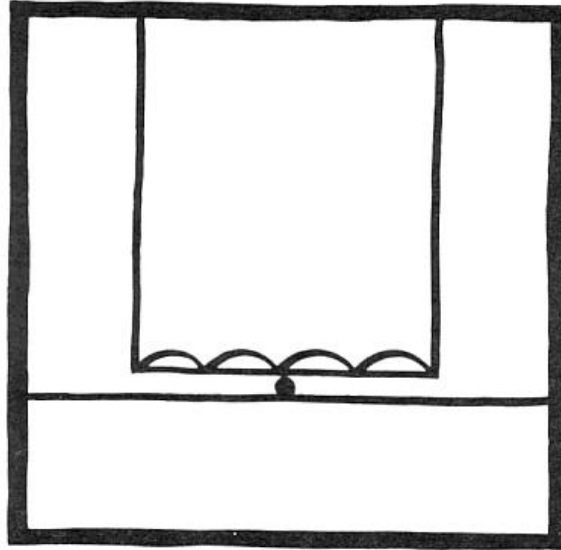


Doodle for Ellipses
 Answer Key by David Pleacher

Can you name this doodle?



Here is the title of this doodle:

E L E P H A N T G I V I N G A N A N T
 16 14 16 10 12 18 17 15 11 13 2 13 17 11 18 17 18 17 15

A F R I E N D L Y P A T O N T H E
 18 7 5 13 16 17 8 14 1 10 18 15 6 17 15 12 16

B A C K
 4 18 9 3

We could have made this a Turvy with the upside-down caption being:

AN ANT GIVING A SPEECH AT A POLITICAL CONVENTION.

Equations:

$$\underline{Y} \quad 1. \quad \frac{4x^2}{81} + \frac{y^2}{49} = 1$$

$$\underline{P} \quad 10. \quad \frac{x^2}{25} + \frac{y^2}{81} = 1$$

$$\underline{V} \quad 2. \quad \frac{4x^2}{121} + \frac{4y^2}{25} = 1$$

$$\underline{G} \quad 11. \quad \frac{4x^2}{81} + \frac{y^2}{36} = 1$$

$$\underline{K} \quad 3. \quad \frac{x^2}{9} + \frac{4y^2}{121} = 1$$

$$\underline{H} \quad 12. \quad \frac{x^2}{25} + \frac{y^2}{169} = 1$$

$$\underline{B} \quad 4. \quad \frac{x^2}{36} + \frac{y^2}{4} = 1$$

$$\underline{I} \quad 13. \quad \frac{x^2}{81} + \frac{y^2}{25} = 1$$

$$\underline{R} \quad 5. \quad \frac{4x^2}{225} + \frac{y^2}{16} = 1$$

$$\underline{L} \quad 14. \quad \frac{x^2}{49} + \frac{y^2}{9} = 1$$

$$\underline{O} \quad 6. \quad \frac{4x^2}{81} + \frac{4y^2}{9} = 1$$

$$\underline{T} \quad 15. \quad \frac{x^2}{25} + \frac{y^2}{4} = 1$$

$$\underline{F} \quad 7. \quad \frac{x^2}{64} + \frac{y^2}{121} = 1$$

$$\underline{E} \quad 16. \quad \frac{x^2}{100} + \frac{y^2}{256} = 1$$

$$\underline{D} \quad 8. \quad \frac{x^2}{16} + \frac{y^2}{4} = 1$$

$$\underline{N} \quad 17. \quad \frac{x^2}{9} + \frac{y^2}{25} = 1$$

$$\underline{C} \quad 9. \quad \frac{x^2}{144} + \frac{y^2}{81} = 1$$

$$\underline{A} \quad 18. \quad \frac{x^2}{36} + \frac{y^2}{16} = 1$$