

## Tufts Logo Equations

### T

$$y = 0 \{1 < x < 4\}$$

$$y = .5 \{1 < x < 2\}$$

$$y = .5 \{3 < x < 4\}$$

$$y = 5 \{0 < x < 5\}$$

$$y = 3 \{0 < x < .5\}$$

$$y = 4 \{.5 < x < 2\}$$

$$y = 4 \{3 < x < 4.5\}$$

$$y = 3.5 \{4.5 < x < 5\}$$

$$x = 1 \{0 < y < .5\}$$

$$x = 4 \{0 < y < .5\}$$

$$x = 2 \{.5 < y < 4\}$$

$$x = 3 \{.5 < y < 4\}$$

$$x = 0 \{3 < y < 5\}$$

$$x = .5 \{3 < y < 4\}$$

$$x = 4.5 \{3.5 < y < 4\}$$

$$x = 5 \{3.5 < y < 5\}$$

### U

$$y = 3.25 \{4.5 < x < 6\}$$

$$y = 3.25 \{6.5 < x < 8\}$$

$$y = 2.75 \{6.5 < x < 7\}$$

$$y = 2.75 \{4.5 < x < 5\}$$

$$y = 0 \{7 < x < 8.5\}$$

$$y = .5 \{8 < x < 8.5\}$$

$$x = 4.5 \{2.75 < y < 3.25\}$$

$$x = 6.5 \{2.75 < y < 3.25\}$$

$$x = 8 \{.5 < y < 3.25\}$$

$$x = 7 \{1 < y < 2.75\}$$

$$x = 6 \{1 < y < 3.25\}$$

$$x = 5 \{1 < y < 2.75\}$$

$$x = 7 \{0 < y < .5\}$$

$$x = 8.5 \{0 < y < .5\}$$

$$y = -((x - 7)^3 + (x - 7)^2) + 1 \{6 < x < 7\}$$

$$y = .5 (x - 6)^2 \{6 < x < 7\}$$

$$y = (x - 6)^2 \{5 < x < 6\}$$

### F

$$y = 0 \{8.75 < x < 10.75\}$$

$$y = .5 \{8.75 < x < 9.25\}$$

$$y = .5 \{10.25 < x < 10.75\}$$

$$y = 2.75 \{8.75 < x < 9.25\}$$

$$y = 3.25 \{8.75 < x < 9.25\}$$

$$y = 2.75 \{10.25 < x < 10.75\}$$

$$y = 3.25 \{10.25 < x < 10.75\}$$

$$x = 8.75 \{0 < y < .5\}$$

$$x = 8.75 \{2.75 < y < 3.25\}$$

$$x = 9.25 \{.5 < y < 2.75\}$$

$$x = 10.75 \{0 < y < .5\}$$

$$x = 10.75 \{2.75 < y < 3.25\}$$

$$x = 10.25 \{.5 < y < 2.75\}$$

$$y = \sqrt{r^2 - (x - 9.25 - r)^2} + (5 - r),$$

$$r = 1.25 \{9.25 < x < 11.5\}$$

$$y = \sqrt{r_2^2 - (x - 10.25 - r_2)^2} + 3.75,$$

$$r_2 = .375 \{9.25 < x < 10.9\}$$

$$x = 9.25 \{3.25 < y < 3.75\}$$

$$x = 10.25 \{3.25 < y < 3.75\}$$

$$y = x - 5.083 \{10.9 < x < 11.5\}$$

**T<sub>2</sub>**

$$x = 11 \{2.75 < y < 3.25\}$$

$$x = 11.5 \{3.25 < y < 3.75\}$$

$$x = 11.5 \{1 < y < 2.75\}$$

$$x = 12.5 \{.75 < y < 2.75\}$$

$$x = 12.5 \{3.25 < y < 4.586\}$$

$$x = 13 \{2.75 < y < 3.25\}$$

$$y = x - 5.83 \{11.5 < x < 12.5\}$$

$$y = 3.25 \{11 < x < 11.5\}$$

$$y = 2.75 \{11 < x < 11.5\}$$

$$y = 3.25 \{12.5 < x < 13\}$$

$$y = 2.75 \{12.5 < x < 13\}$$

$$y = -.35 \log (x - 11.5) \{0 < y < 1\}$$

$$y = .25 (x - 12.5)^2 \{12.5 < x < 13\}$$

$$x = 13 \{.0625 < y < .5625\}$$

$$y = (x - 12.75)^2 + .5 \{12.75 < x < 13\}$$

$$y = 4 (x - 12.75)^2 + .5 \quad \{12.5 < x < 12.75\}$$

**S**

$$y = 0 \{13.25 < x < 13.75\}$$

$$y = 1 \{13.25 < x < 13.75\}$$

$$x = 13.25 \{0 < y < 1\}$$

$$x = 13.75 \{0 < y < .19377\}$$

$$y = -\sqrt{r_3^2 - .35 (x - 13.75 - r_3)^2} + r_3,$$

$$r_3 = 1 \{13.75 < x < 16.75\}$$

$$y = \sqrt{r_3^2 - .35 (x - 13.75 - r_3)^2} + r_3 \{14.75 < x < 16.75\}$$

$$y = -\sqrt{r_4^2 - .25 (x - 14.75)^2} + 2 r_4,$$

$$r_4 = .5 \{13.75 < x < 16.75\}$$

$$y = \sqrt{r_4^2 - .25 (x - 14.75)^2} + 2 r_4$$

$$\{14.75 < x < 16.75\}$$

$$y = -\sqrt{r_4^2 - .25 (x - 14.75)^2} + 5 r_4$$

$$\{13.75 < x < 14.75\}$$

$$y = -\sqrt{r_3^2 - .35 (x - 13.75 - r_3)^2} + 2.5 r_3$$

$$\{12 < x < 14.75\}$$

$$y = \sqrt{r_3^2 - .35 (x - 13.75 - r_3)^2} + 2.5 r_3$$

$$\{13 < x < 15.75\}$$

$$y = \sqrt{r_4^2 - .25 (x - 14.75)^2} + 5 r_4$$

$$\{13.75 < x < 15.75\}$$

$$x = 15.75 \{3.306 < y < 3.5\}$$

$$x = 16.25 \{2.5 < y < 3.5\}$$

$$y = 3.5 \{15.75 < x < 16.25\}$$

$$y = 2.5 \{15.75 < x < 16.25\}$$