$$\pi(1) = \frac{length}{height} \tag{1}$$

$$\pi(2) = \frac{area}{height^2} \tag{2}$$

$$\pi(3) = \frac{perimeter}{height} \tag{3}$$

$$\pi(4) = \frac{height^2 \cdot pressure}{force} \tag{4}$$

$$\pi(5) = \frac{volume}{height^3} \tag{5}$$

$$\pi(6) = \frac{viscosity}{force^{0.5} \cdot density^{0.5}} \tag{6}$$

$$\pi(7) = \frac{height \cdot density^{0.5} \cdot velocity}{force^{0.5}} \tag{7}$$

$$\pi(8) = \frac{height^5 \cdot density \cdot visc_dissip}{force^2} \tag{8}$$

$$\pi(9) = \frac{massflow}{force^{0.5} \cdot height \cdot density^{0.5}} \tag{9}$$

$$\pi(10) = \frac{height \cdot density^{0.5} \cdot soundspeed}{force^{0.5}} \tag{10}$$

$$\pi(11) = \frac{height^3 \cdot density \cdot accel}{force} \tag{11}$$

$$\pi(12) = \frac{holeperimeter}{height} \tag{12}$$

$$\pi(13) = \frac{holearea}{height^2} \tag{13}$$