

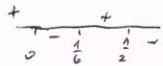
1.102
1

$$\log_{8x-12x^2} 7^{-x} > 0$$

$$\log_{8x-12x^2} 7^{-x} > 0 = \log_{8x-12x^2} 1$$

$$(-12x^2 + 8x - 1)(1 - 7^{-x}) < 0$$

$$\begin{array}{ccc} \downarrow & & \downarrow \\ x = \frac{1}{2}, \frac{1}{6} & & x = 0 \end{array}$$



$$\boxed{0 < x < \frac{1}{6} \quad \vee \quad x > \frac{1}{2}}$$



מבט אחר

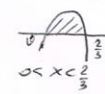
$$1 \neq 8x - 12x^2 > 0$$

$$12x^2 - 8x + 1 < 0$$

$$x \neq \frac{1}{2}, \frac{1}{6}$$

אם כן

$$4x(2-3x) > 0$$



$$\boxed{0 < x < \frac{1}{6} \\ \frac{1}{6} < x < \frac{1}{2} \\ \frac{1}{2} < x < \frac{2}{3}}$$



$$\boxed{0 < x < \frac{1}{6} \\ \frac{1}{2} < x < \frac{2}{3}}$$

אם כן