7.2.1.

$$p = \frac{1}{144 - q^2}$$
 $\frac{1}{48} = \frac{2q - \frac{1}{4q}}{24}$ 
 $\frac{1}{16} = \frac{2q - \frac{1}{4q}}{24}$ 
 $\frac{1}{16} = \frac{1}{4q}$ 

7.2.2.

 $\frac{1}{16} = \frac{1}{64q}$ 
 $\frac{1}{16} = \frac{1}{4q}$ 
 $\frac{$ 

1.2.7.
$$1L=0.001m^{3}$$

$$\frac{dV}{dt} = \frac{3}{1000}$$

$$V = T(Y)^{2}h$$

V= \(\ta(r)'h \dh )

1.2.8

the decrease of the rate is 0.00096.

$$\frac{13^{2}-1^{2}=12^{2}}{h^{2}+23^{2}=12^{2}}$$

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$$\frac{13^{2}-12^{2}=12^{2}}{h^{2}+23^{2}=12^{2}}$$

$$\frac{13^{2}-12^{2}-12^{2}}{h^{2}+23^{2}=12^{2}}$$

21) dh = -6

the bobber moving down at the bate is -0.25.

1.2.10.