WA 4
$$21/21$$

34) 2^{43}

36) 5^{-7}

Or agriculant answers,
as (ung as it is simplified.

38) $3^{24} \cdot 3^{-2} = 3^{-11}$

40) $11^{2/3} = 11^{2/3} \cdot 11^{1/2} = 11^{3/3} + 1/2 = 11^{3/4}$

21) $(0,5)$ and $(3,2)$ find exp. function.

45. If any $a=5$ in $f(t)=a$ $b^{\frac{1}{2}}$.

10) (0,5) and (3,2) find exp. findown.
15) 10 now
$$a = 5$$
 in $f(t) = a b^{2}$.
Then $f(3) = 5 \cdot b^{3} = 2$ work $b = (\frac{2}{5})^{1/3}$

3

12) Same problem.

(3,22) ad (7,5).

5/5 f(t) = a b*

a b = 22

4 b = 5 22

 $b^{4} = \frac{5}{22}$ $b = \left(\frac{5}{22}\right)^{1/4} \approx 0.69$

a · [(\(\frac{5}{12} \) \) \] = 22

 $a = \left(\frac{22}{5}\right)^{3/4} \cdot 22 \approx 66.8$

50 f(t) = 66.8 - (0.69) +4

$$5)_{34}$$
 $V = V_0 \left(1 + \frac{r}{r}\right)^{n+1}$ $4/4$ $V = 36,000$

Solve for Vo.

$$36 = V_0 \cdot \left(1 + \frac{0.008}{4}\right)^{4.9}$$

$$36 = V_0 \left(1.002\right)^{36}$$