

# Solving Exponential Equations

Set 7-4a

Solve the following for x:

1)  $2^x = 4$

2)  $2^x = 32$

3)  $5^x = 125$

4)  $3(4)^x = 24$

5)  $\left(\frac{2}{3}\right)^x = \frac{4}{25}$