

## WHAT POWER?

Evaluate each expression. The first two expressions have been completed for you.

1)  $WhatPower_2(8) = 3$

2)  $WhatPower_3(9) = 2$

3)  $WhatPower_5(25) =$

4)  $WhatPower_4(64) =$

5)  $WhatPower_{10}(10,000) =$

6)  $WhatPower_2(32) =$

7)  $WhatPower_3(81) =$

8)  $WhatPower_2\left(\frac{1}{2}\right) =$

9)  $WhatPower_{67}(1) =$

10)  $WhatPower_{14}(\sqrt{14}) =$