

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