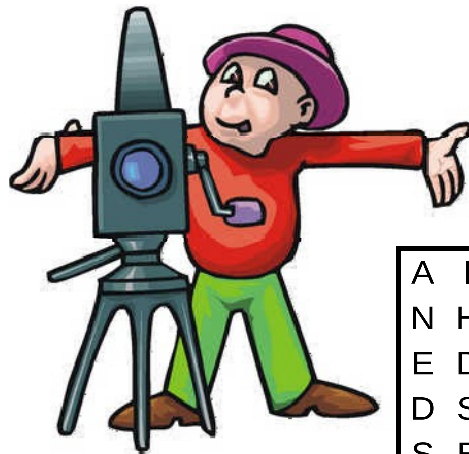
The Powers of the Cinema



1. In 4^2, 4 is referred to as the ____.
2. An expression raised to the 3rd power is _____.
3. $2^3 =$ _____. 4. $2 \cdot 5^2 =$ _____.
5. In 4^2, 2 is referred to as the ________ (8 letters).
6. $2^2 \cdot 2^3$ is equivalent to 2 raised to the ______ power.
7. $\dfrac{90^3}{90^2}$ is equivalent to 90 raised to the ______ power.
8. If $2 \cdot \square^2 = 32$, the missing term is _______. 9. $2^3 + 3^2 =$ _______.
10. In 2^x, as the exponent increases, the value gets ______.
11. 1, 4, 9, 16, 25, 36 are called _____ ______. (2 words)
12. Another term for exponent.
13. 3.6×10^{23} is written in ________ notation.
14. $(5^2)^3$ is equivalent to 5 raised to the ______ power.
15. In the expression 4^x, as the exponent decreases, the value gets _______.
16. A value raised to a power of 2 is said to be _______.
17. $3^2 \cdot 3^3 \cdot 3^5$ is equivalent to 3 raised to the _____ power.
18. $(23)(23)(23)$ is equivalent to 23 raised to the _____ power.
19. An exponent of _____, when applied to non-zero terms, creates a value of one.

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        P N A Q M T
        O C S I X T H
        W U U X M S I
        E X R B K J W
        R T V Q E I W
        L Q H K E D
            S I
      A I U A I Q R Y U Z
      N H T N E T U D O E
      E D M Y H W E A Q M       X O
      D S R Q W V B Y R K Z U I V T
      S E R A U Q S T C E F R E P H
      S C I E N T I F I C D Z A S G
    F I R S T J N P D F H A K Y V I
    X I S P K U T W Z S A       H E
      S M A L L E R W Y J
            E
Y A X Z L P O I L X U
F O U R       T P A
              S O D
                N
              E E U
            E R N B W
          T E Y T F I F
        N G P       J Z V
      E R F           W M T
    V A I               Z B T
  E L F                   E A S
S X T                       R S F
M U H                         O E R
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Determine the answers to the clues, and find the answers in the word search puzzle. All answers are words.

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