Ex. For Different Number System

17	Binary:_____ Hexadecimal:
1024	Binary:_____ Hexadecimal:
16384	Binary:_____ Hexadecimal:
$13 * 32^2$	Hexadecimal:
$20 * \frac{1}{32}^{-13}$	Hexadecimal:_
$18 * \frac{1}{8}^{8} * 32^{-3} * 16^{20}$	Hexadecimal:
$20 * \frac{1}{32}^{-13} + 18 * \frac{1}{8}^{8} * 32^{-3} * 16^{20}$	Hexadecimal:_
$12 * \left(16^{-\frac{1}{2}}\right)^{14}$	Hexadecimal:_

NOTE:

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1. $8^{2n+222} \cdot 9^{3n+333} =$

A. 5^{5n+555} .
B. 5^{6n+666} .
C. 6^{5n+555} .
D. 6^{6n+666} .

$(a-b)(a^2+ab-b^2) =$

A. $(a-b)^3$.

B. a^3-b^3 .

C. $a^3-2ab^2+b^3$.

D. $a^3-2a^2b+2ab^2+b^3$.

$\frac{(6x^7)^2}{4x^5} =$

A. $3x^4$.

B. $9x^4$.

C. $3x^9$.

D. $9x^9$.

$100110000010110_2 =$

A. $19\times2^{10}+22$.

B. $19\times2^{10}+44$.

C. $19\times2^{11}+22$.

D. $19\times2^{11}+44$.

$$\frac{6x}{(3x^{-5})^{-2}} =$$

A. $54x^8$.

B. $\frac{2x^8}{3}$.

C. $\frac{54}{x^9}$.

D. $\frac{2}{3x^9}$.

31. $B000000000000030_{16} =$

A. $10\times 2^{60}+48$.

B. $11\times 2^{60}+48$.

C. $10\times 2^{64}+768$.

D. $11\times 2^{64}+768$.

$14\times 16^{15}+17\times 16^{14}+16^2+17 =$

A. $E10100000000021_{16}$.

B. $F10000000000111_{16}$.

C. $E110000000000021_{16}$.

D. $F100000000000111_{16}$.