Question 1: Convert 57468 to decimal number for 5 48 2 101 radmin laminable to decimal number

Solution:

The given number is 57468

Question 4: Convert 6.1s to decimal numb(
$$^{0}8*6) + (4*8^{1}) + (4*8^{1}) + (6*8^{0})$$
 decimal numb($^{0}8*6) + (4*8^{1}) + (4*8^{1}) + (6*8^{0})$

= 2560+448+32+6

The equivalent decimal number for 57468 is 3046

Answer:
$$5746_8 = 3046$$

Answer: 548 = 44

number If the number has
$$(8*8) = (8*3) = (8*$$

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Question 2: Convert 2018 to decimal number

Solution:

Q. How to Convert Octal to Decimal?

The given number is 2018

$$201_8 = (2 * 8^2) + (0 * 8^1) + (1 * 8^0)$$

$$= 128 + 0 + 1$$

= 129

Below are the steps to convert octal to decimal -

Step 2: Find out the number of digits in the number

Step 3: Let it have n digits.

The equivalent decimal number for 2018 is 129
Step 4: Multiply each digit in the number with 800, when the digit is in the nth position.

Answer: $201_8 = 129$

Question 3: Convert 548 to decimal number relevinge on a si tratluser ent : d qet &

Solution:

Step 7: Let m digits are there after the decimal

The given number is 548

• Step 8: Multiply each digit after decimal with 8^m, when the digit is the rath position.

$$54_8 = (5 * 8^1) + (4 * 8^0)$$

All other steps are same as above.

$$=5*8+4*1$$

=40 + 4

. .

= 44

Question 1: Convert 5746s to decimal number for 54s is 44 number of 1845 at 18

Answer: $54_8 = 44$

Question 4: Convert 6.18 to decimal number * δ) + (18 * 4) + (28 * 7) + (88 * 6) = 80468

Solution:

The given number is 6.18

$$6.1_8 = (6 * 8^0) + (1 * \frac{1}{8})$$

$$=6*1+\frac{1}{8}$$

$$=6+\frac{1}{8}$$

= 2560+448+32+6

= 3046

The equivalent decimal number for 5746s is 3046

Answer: 57468 = 3046

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$$=6+0.125$$

$$=6.125$$

The equivalent decimal number for 6.1s is 6.125

Answer: $6.1_8 = 6.125$

Question 5: Convert 108 to decimal number

Solution:

Below are the examples on converting octal to hexadecimal -

The given number is 108

Solved Examples

$$10_8 = (1 * 8^1) + (0 * 8^0)$$

$$= 1 * 8 + 0 * 1$$

$$= 8+0$$

$$=8$$

The equivalent decimal number for 108 is 8

Answer:
$$10_8 = 8_{10}$$

Question 1: Convert 1002s to hexadecimal

Sobriton:

The given mumber is 1002;

$$1002g = (1 * 8^3) + (0 * 8^2) + (0 * 8^3) + (2 * 8^3)$$

$$=1 * 5 | 2 - 0 * 64 - 0 * 8 + 2 * 1$$

$$=512 + 0 + 0 + 2$$

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