

Convert the following decimal numbers into octal:

25

Solution...

We gonna divide the decimal number by 8 and collect the reminders as the answer.

$25/8$ result =3 with remainder 1 so, we take the answer and do the division again and so on..

$3/8=0$ with remainder 3

answer >> 31

100

Solution...

$100/8=12$ with remainder 4

$12/8=1$ with remainder 4

$1/8=0$ with remainder 1

answer >> 144

255

Solution...

$255/8=31$ with remainder 7

$31/8=3$ with remainder 7

$3/8=0$ with remainder 3

answer >> 377

1024

Solution...

$1024/8=128$ with remainder 0

$128/8=16$ with remainder 0

$16/8=2$ with remainder 0

$2/8=0$ with remainder 2

answer >> 2000