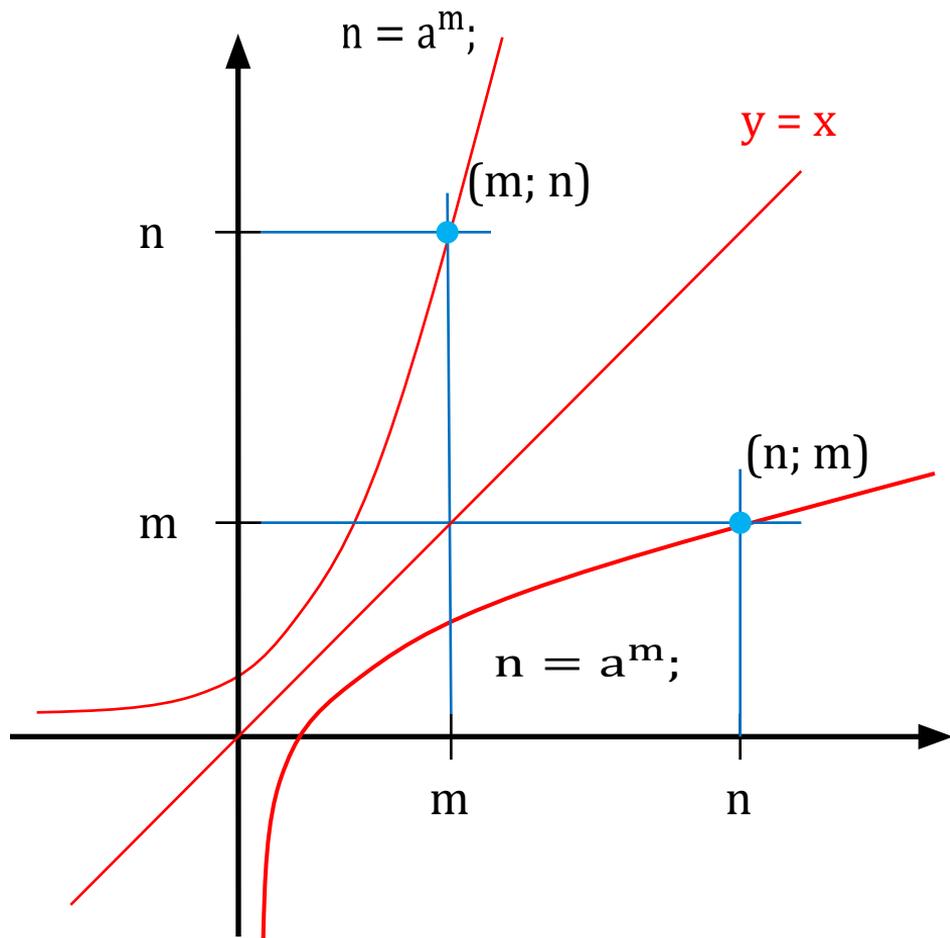


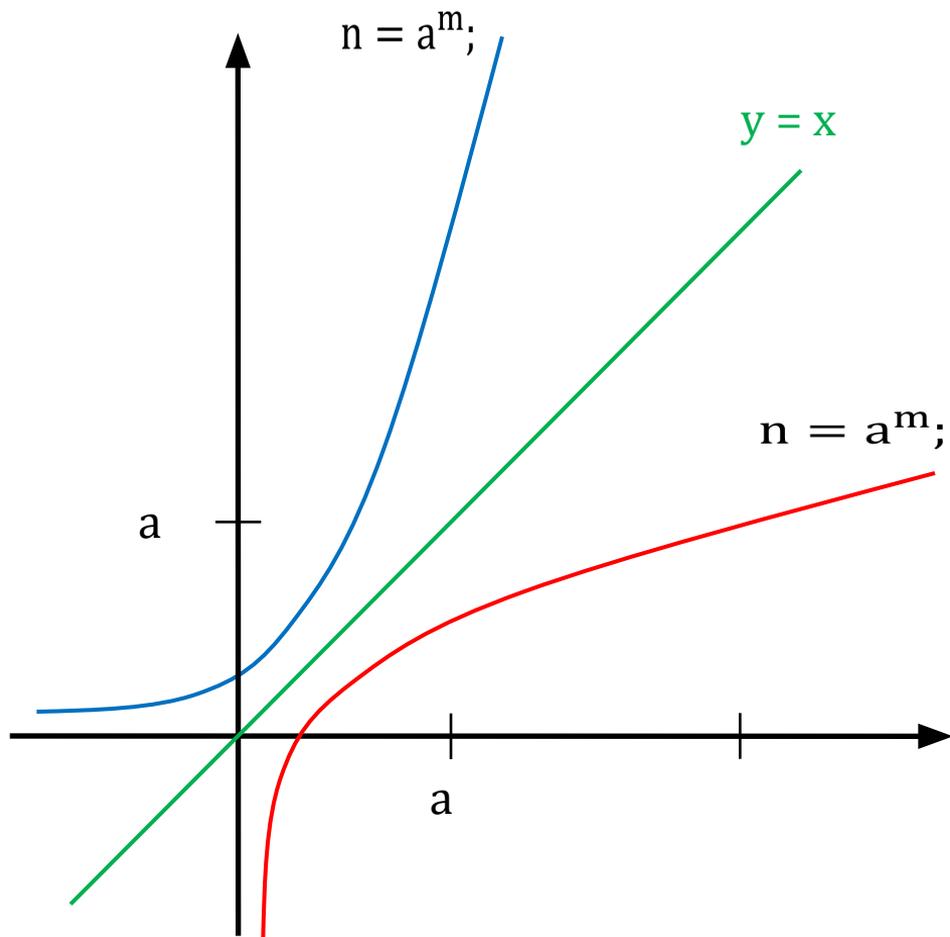


Логарифм – показатель степени, в которую нужно возвести основание, чтобы получить подлогарифмическое выражение.

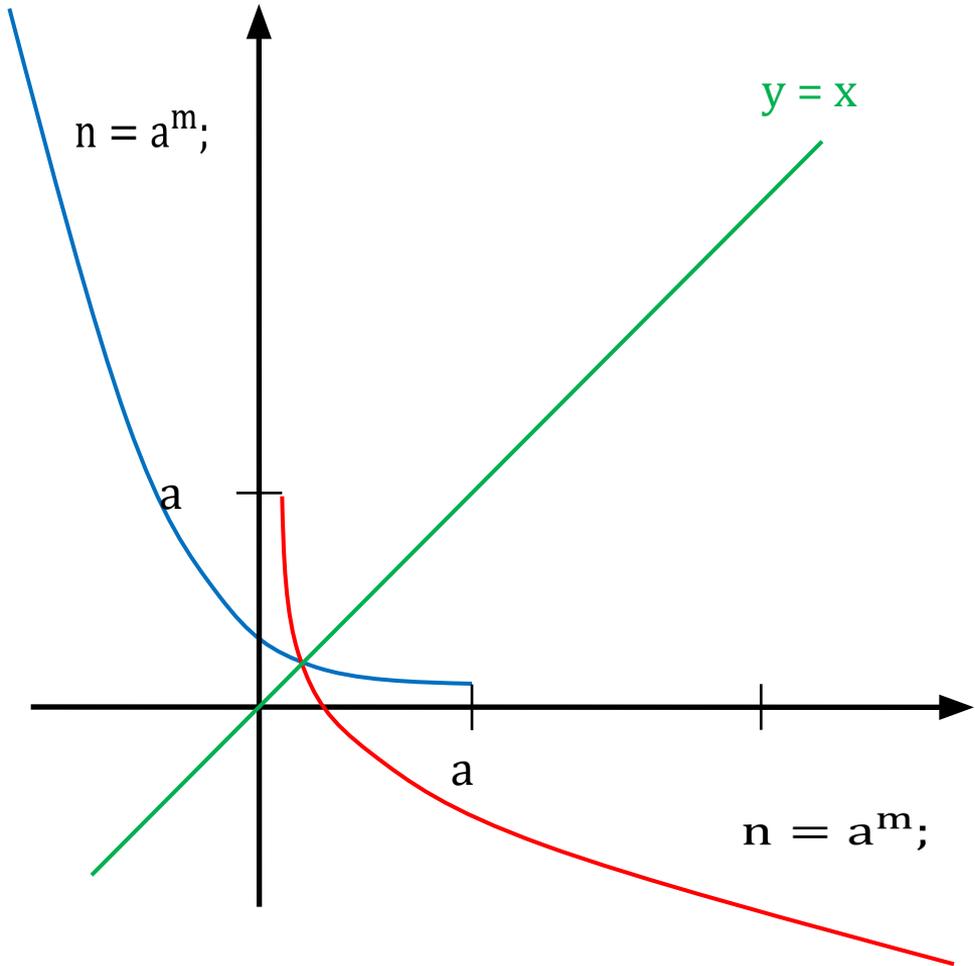
$$n = a^m;$$
$$n = a^m;$$



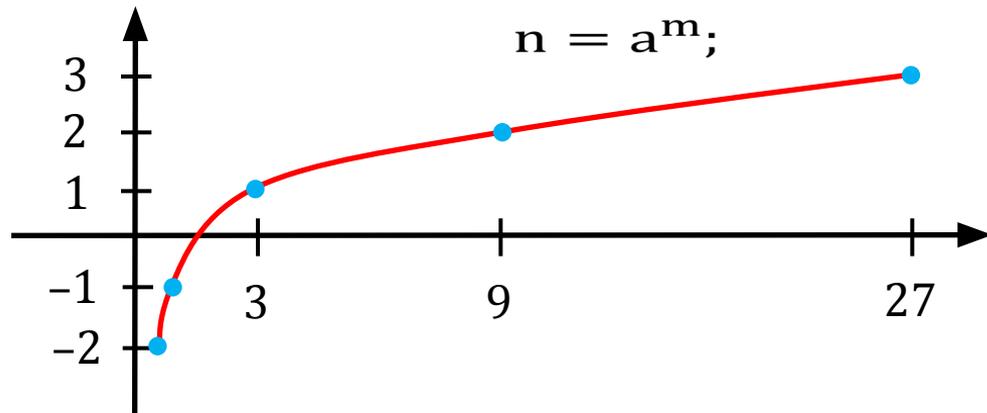
$$a > 1$$



$$n = a^m;$$

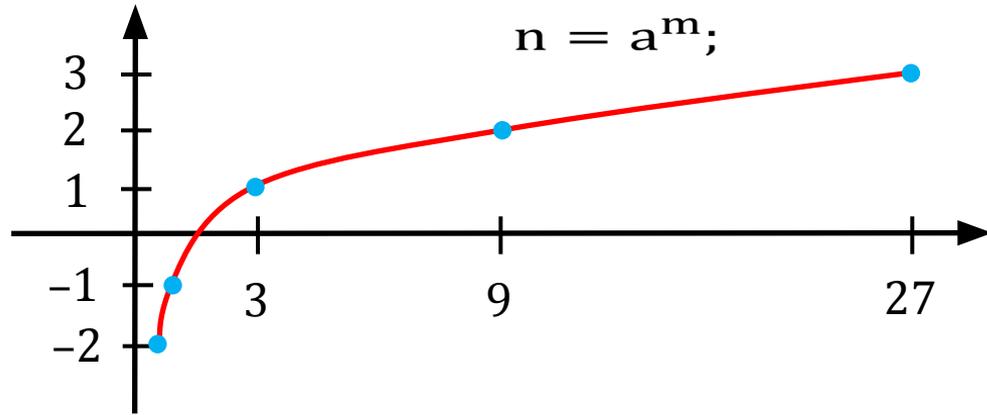


$$n = a^m;$$



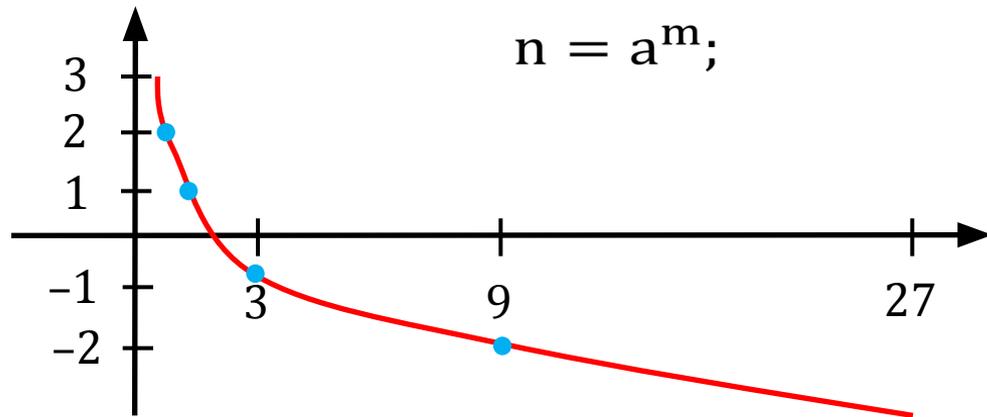
| | | | | | | |
|---|---------------|---------------|---|---|---|----|
| x | $\frac{1}{3}$ | $\frac{1}{9}$ | 1 | 3 | 9 | 27 |
| y | -1 | -2 | 0 | 1 | 2 | 3 |

$$n = a^m;$$



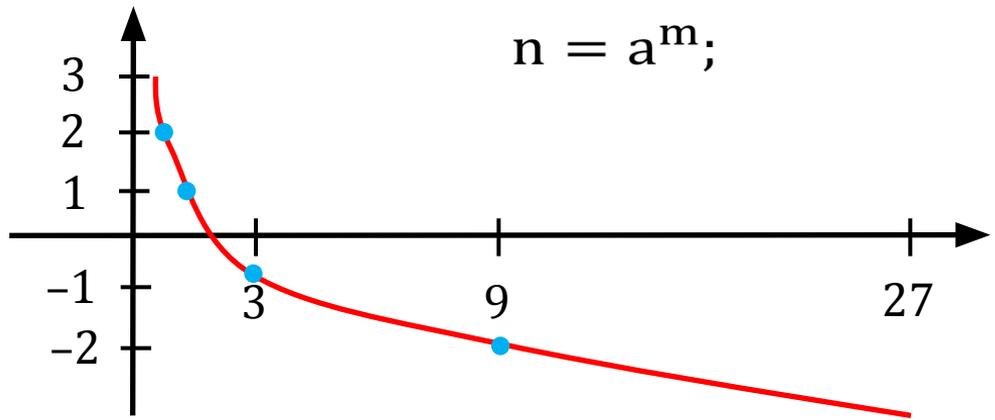
$$n = a^m;$$

$$n = a^m;$$



| | | | | | |
|---|----|----|---|---------------|---------------|
| x | 9 | 3 | 1 | $\frac{1}{3}$ | $\frac{1}{9}$ |
| y | -2 | -1 | 0 | 1 | 2 |

$$n = a^m;$$



$$n = a^m;$$