

NO48 Quelques facteurs

a)

$125 = 5^3$	$375 = 3 \cdot 5^3$	$1125 = 3^2 \cdot 5^3$	$3375 = 3^3 \cdot 5^3$
$25 = 5^2$	$75 = 3 \cdot 5^2$	$225 = 3^2 \cdot 5^2$	$675 = 3^3 \cdot 5^2$
5	$15 = 3 \cdot 5$	$45 = 3^2 \cdot 5$	$135 = 3^3 \cdot 5$
1	3	$9 = 3^2$	$27 = 3^3$

b)

$343 = 7^3$	$686 = 2 \cdot 7^3$	$1372 = 2^2 \cdot 7^3$	$2744 = 2^3 \cdot 7^3$
$49 = 7^2$	$98 = 2 \cdot 7^2$	$196 = 2^2 \cdot 7^2$	$392 = 2^3 \cdot 7^2$
7	$14 = 2 \cdot 7$	$28 = 2^2 \cdot 7$	$56 = 2^3 \cdot 7$
1	2	$4 = 2^2$	$8 = 2^3$

c)

$125 = 5^3$	$875 = 5^3 \cdot 7$	$6125 = 5^3 \cdot 7^2$	$42875 = 5^3 \cdot 7^3$
$25 = 5^2$	$175 = 5^2 \cdot 7$	$1225 = 5^2 \cdot 7^2$	$8575 = 5^2 \cdot 7^3$
5	$35 = 5 \cdot 7$	$245 = 5 \cdot 7^2$	$1715 = 5 \cdot 7^3$
1	7	$49 = 7^2$	$343 = 7^3$