

Indices

Exercise-10

Solution 1:

No.	Index form	Multiplication form	Base	Index
1.	13	$1 \times 1 \times 1$	1	3
2.	37	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$	3	7
3.	79	$7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$	7	9
4.	26	$2 \times 2 \times 2 \times 2 \times 2 \times 2$	2	6
5.	34	$3 \times 3 \times 3 \times 3$	3	4
6.	43	$4 \times 4 \times 4$	4	3
7.	28	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$	2	8
8.	152	15×15	15	2
9.	3	3	3	1
10.	105	$10 \times 10 \times 10 \times 10 \times 10$	10	5

Solution 3:

1. 6^4
2. 2^4
3. 7^2
4. 3^5
5. 6^3
6. 9^3

Solution 2:

1. $11 \times 11 \times 11 \times 11$
2. 6×6
3. $10 \times 10 \times 10 \times 10$
4. $5 \times 5 \times 5$
5. $8 \times 8 \times 8 \times 8 \times 8$