

**QUESTION 1** Write each of the following in expanded form.

a  $8^2$  \_\_\_\_\_

b  $9^3$  \_\_\_\_\_

c  $5^3$  \_\_\_\_\_

d  $2^6$  \_\_\_\_\_

e  $4^5$  \_\_\_\_\_

f  $7^3$  \_\_\_\_\_

**QUESTION 2** Write each of the following in index form.

a  $3 \times 3 \times 3 \times 3 \times 3 \times 3$  \_\_\_\_\_

b  $7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$  \_\_\_\_\_

c  $15 \times 15 \times 15 \times 15$  \_\_\_\_\_

d  $21 \times 21 \times 21 \times 21 \times 21$  \_\_\_\_\_

e  $81 \times 81 \times 81$  \_\_\_\_\_

f  $36 \times 36 \times 36 \times 36$  \_\_\_\_\_

**QUESTION 3** Complete the following table.

	Index form	Base	Index	Basic numeral
a	$12^2$			
b	$9^3$			
c	$3^5$			
d	$16^2$			
e	$2^7$			

**QUESTION 1** Write each of the following in index form.

a  $2 \times 2 \times 2 \times 2 =$  \_\_\_\_\_

b  $3 \times 3 \times 3 =$  \_\_\_\_\_

c  $4 \times 4 \times 4 =$  \_\_\_\_\_

d  $5 \times 5 \times 5 =$  \_\_\_\_\_

e  $2 \times 2 \times 2 \times 2 \times 2 =$  \_\_\_\_\_

f  $6 \times 6 \times 6 \times 6 =$  \_\_\_\_\_

**QUESTION 2** Write each of the following in the expanded form and evaluate.

a  $2^3 =$  \_\_\_\_\_

b  $3^2 =$  \_\_\_\_\_

c  $4^3 =$  \_\_\_\_\_

d  $5^3 =$  \_\_\_\_\_

e  $6^3 =$  \_\_\_\_\_

f  $7^2 =$  \_\_\_\_\_

**QUESTION 3** Complete the following tables.

	Index form	Base	Index	Basic numeral
a	$2^2$			
b	$3^3$			
c	$6^2$			
d	$2^3$			
e	$7^3$			
f	$10^5$			
g	$1^{15}$			

	Index form	Base	Index	Basic numeral
h	$3^4$			
i	$8^2$			
j	$5^2$			
k	$0^{25}$			
l	$2^5$			
m	$4^3$			
n	$9^2$			