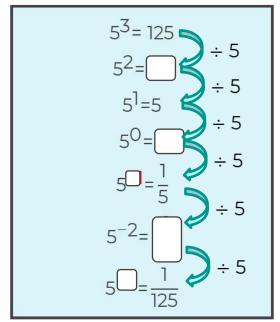
Maths

Mr Chan

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1. Fill in the blanks to complete the sequence.

2. Evaluate the following.



3. Write each of the following in the form  $\mathbf{3}^{n}$ 

a) <mark>1</mark> 27

b) 
$$\frac{1}{3}$$

c) 9

d) 1

4. Write each of the following in index form.

b) 
$$\frac{1}{b^{10}}$$

c) r

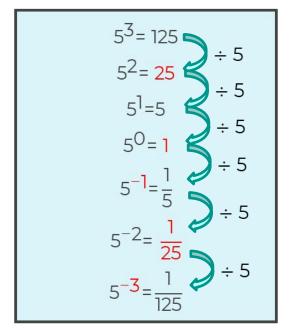




# Answers

1. Fill in the blanks to complete the sequence.

2. Evaluate the following.



a) 4 <sup>-1</sup>	$\frac{1}{4}$
b) 3 <sup>-3</sup>	1 27
c) 1675 <sup>0</sup>	1
d) 5 <sup>2</sup> + 5 <sup>0</sup>	26



3. Write each of the following in the form 3<sup>n</sup>

a) 
$$\frac{1}{27}$$
  $3^{-3}$   
b)  $\frac{1}{3}$   $3^{-1}$   
c) 9  $3^{2}$   
d) 1  $3^{0}$ 

4. Write each of the following in index form.

a) 
$$\frac{1}{a^3}$$
  $a^{-3}$ 

c) r r<sup>1</sup>

d) 
$$\frac{1}{t^y}$$
  $t^{-y}$