mathskills4kids

Name: ..... Class: .....

Division patterns over increasing place values

Complete the division patterns below

a.
5 ÷ _____ = 1
50 ÷ _____ = 10
500 ÷ _____ = 100
5,000 ÷ _____ = 1,000
50,000 ÷ _____ = 10,000
500,000 ÷ _____ = 100,000

b.
_____ ÷ 2 = 1
_____ ÷ 2 = 10
_____ ÷ 2 = 100
_____ ÷ 2 = 1,000
_____ ÷ 2 = 10,000
_____ ÷ 2 = 100,000

c.
10 ÷ 10 = _____
_____ ÷ 10 = 10
1,000 ÷ 10 = _____
_____ ÷ 10 = 1,000
100,000 ÷ _____ = 10,000
1,000,000 ÷ 10 = _____

d.
_____ ÷ 12 = 1
120 ÷ _____ = 10
_____ ÷ 12 = 100
12,000 ÷ 12 = _____
_____ ÷ 12 = 10,000
1,200,000 ÷ 12 = _____

Solution

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Division patterns over increasing place values

Complete the division patterns below

a.
5 ÷ 5 = 1
50 ÷ 5 = 10
500 ÷ 5 = 100
5,000 ÷ 5 = 1,000
50,000 ÷ 5 = 10,000
500,000 ÷ 5 = 100,000

To complete the parttern, let's form an equation
5 ÷ ? = 1
Now, we solve the equation
If 5 ÷ ? = 1
then 5 = ? x 1
5 = ?
So, we do same to get the other partterns.

b.
2 ÷ 2 = 1
20 ÷ 2 = 10
200 ÷ 2 = 100
2,000 ÷ 2 = 1,000
20,000 ÷ 2 = 10,000
200,000 ÷ 2 = 100,000

To complete the parttern, let's form an equation
? ÷ 2 = 1
Now, we solve the equation
? = 2 x 1
? = 2
So, we do same to get the other partterns.

c.
10 ÷ 10 = 1
100 ÷ 10 = 10
1,000 ÷ 10 = 100
10,000 ÷ 10 = 1,000
100,000 ÷ 10 = 10,000
1,000,000 ÷ 10 = 100,000

d.
12 ÷ 12 = 1
120 ÷ 12 = 10
1,200 ÷ 12 = 100
12,000 ÷ 12 = 1,000
120,000 ÷ 12 = 10,000
1,200,000 ÷ 12 = 100,000