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

Division patterns over increasing place values

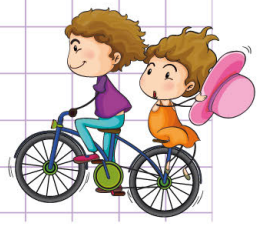
Complete the multiplication patterns below.

a. 10 ÷ 5 = 2
____ ÷ 5 = 20
_____ ÷ 5 = 200
_____ ÷ 5 = 2,000
_____ ÷ 5 = 20,000
_____ ÷ 5 = 200,000

b. 19 ÷ _____ = 1
190 ÷ 19 = _____
_____ ÷ 19 = 100
19,000 ÷ 19 = _____
190,000 ÷ _____ = 10,000
_____ ÷ 19 = 100,000

c. 27 ÷ 9 = _____
_____ ÷ 9 = 30
2,700 ÷ 9 = _____
_____ ÷ 9 = 3,000
270,000 ÷ _____ = 30,000
2,700,000 ÷ 9 = _____

d. _____ ÷ 9 = 1
90 ÷ _____ = 10
_____ ÷ 9 = 100
9,000 ÷ 9 = _____
_____ ÷ 9 = 10,000
900,000 ÷ 9 = _____



Solution

mathskills4kids

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

Division patterns over increasing place values

Complete the multiplication patterns below.

a.
10 ÷ 5 = 2
100 ÷ 5 = 20
1,000 ÷ 5 = 200
10,000 ÷ 5 = 2,000
100,000 ÷ 5 = 20,000
1,000,000 ÷ 5 = 200,000

To complete the parttern, let's form an equation
? ÷ 5 = 2
Now, we solve the equation
If ? ÷ 5 = 2
then ? = 5 x 2
? = 10
So, we do same to get the other partterns.

b.
19 ÷ 19 = 1
190 ÷ 19 = 10
1,900 ÷ 19 = 100
19,000 ÷ 19 = 1,000
190,000 ÷ 19 = 10,000
1,900,000 ÷ 19 = 100,000

To complete the parttern, let's form an equation
? ÷ 19 = 1,000
Now, we solve the equation
? = 19 x 1,000
? = 19,000
So, we do same to get the other partterns.

c.
27 ÷ 9 = 3
270 ÷ 9 = 30
2,700 ÷ 9 = 300
27,000 ÷ 9 = 3,000
270,000 ÷ 9 = 30,000
2,700,000 ÷ 9 = 300,000

d.
9 ÷ 9 = 1
90 ÷ 9 = 10
900 ÷ 9 = 100
9,000 ÷ 9 = 1,000
90,000 ÷ 9 = 10,000
900,000 ÷ 9 = 100,000