To be able to divide numbers by 100 - Questions

1. Using place value counters calculate the following:

    a. 700 ÷ 100 =

    b. 800 ÷ 100 =

    c. 1,000 ÷ 100 =

    d. 1,500 ÷ 100 =

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2. Using Base 10 counters calculate the following:

    a. 300 ÷ 100 =

    b. 1,000 ÷ 100 =

    c. 1,600 ÷ 100 =

    d. 2,500 ÷ 100 =

    e. What is the same and what is different to dividing by 10? Write an explanation of what you notice.

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3. Use <,> or = to compare these statements.

    a. 4,200 ÷ 10 _____ 4,200 ÷ 100

    b. 7,100 ÷ 100 _____ 1,700 ÷ 10

    c. 120 ÷ 10   _____ 1,200 ÷ 100

    d. 3,600 ÷ 100 _____ 370 ÷ 10

    True or False?

    e. When the number 5,700 is divided by 100, the 7 digit moves from the hundreds place to the ones place.

    f. Dividing a number by 100 involves moving its digits one place to the right.

    g. 4,200 ÷ 100 = 4,200 ÷ 10 ÷ 10

    h. There are 56 hundreds in 560.

To be able to divide numbers by 100 - Answers

Question No.	Question	Answer
1	a. 700 ÷ 100 = b. 800 ÷ 100 = c. 1,000 ÷ 100 = d. 1,500 ÷ 100 =	Encourage pupils to use place value counters to help them solve the calculations. a. 700 ÷ 100 = 7 b. 800 ÷ 100 = 8 c. 1,000 ÷ 100 = 10 d. 1,500 ÷ 100 = 15
2	a. 300 ÷ 100 = b. 1,000 ÷ 100 = c. 1,600 ÷ 100 = d. 2,500 ÷ 100 = e. What is the same and what is different to dividing by 10? Write an explanation of what you notice.	Encourage pupils to use base 10 to support their answers. a. 300 ÷ 100 = 7 b. 1,000 ÷ 100 = 10 c. 1,600 ÷ 100 = 16 d. 2,500 ÷ 100 = 25 e. When dividing by 10, the digits are moved one space to the right. When dividing by 100, the digits are moved two spaces to the right.
3	Use <,> or = to compare these statements a. 4,200 ÷ 10 ____ 4,200 ÷ 100 b. 7,100 ÷ 100 ____ 1,700 ÷ 10 c. 120 ÷ 10 ____ 1,200 ÷ 100 d. 3,600 ÷ 100 ____ 370 ÷ 10 True or False? e. When the number 5,700 is divided by 100, the 7 digit moves from the hundreds place to the ones place. f. Dividing a number by 100 involves moving its digits one place to the right. g. 4,200 ÷ 100 = 4,200 ÷ 10 ÷ 10 h. There are 56 hundreds in 560.	a. > b. < c. = d. < e. True f. False (The digits move two places to the right.) g. True h. False