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

Divide numbers ending in zeroes by multi-digit numbers

Divide the following.

a. 75,000 ÷ 300

b. 220,000 ÷ 55

d. 606,000 ÷ 40

c. 437,000 ÷ 900

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

Divide numbers ending in zeroes by multi-digit numbers

Divide the following.

a. 75,000 ÷ 300

Since we have a zero in the divisor,
let's first of all get rid of it before
using long division to solve the problem

$$\frac{75,000}{300} = \frac{750}{3}$$

```
      250
   3 | 750
     - 6
       15
     - 15        So, 75,000 ÷ 300 = 250
        0
```

b. 220,000 ÷ 55

```
       4000
  55 | 22000
     - 220
        0
```

So, 220,000 ÷ 55 = 4000

c. 437,000 ÷ 900

Since we have a zero in the divisor,
let's first of all get rid of it before
using long division to solve the problem

$$\frac{437,000}{900} = \frac{4,370}{9}$$

```
       485
   9 | 4370
     - 36
        77
      - 72
        50
      - 45
         5
```

So, 437,000 ÷ 900 = 485 R 5

d. 606,000 ÷ 40

Since we have a zero in the divisor,
let's first of all get rid of it before
using long division to solve the problem

$$\frac{606,000}{40} = \frac{60,600}{4}$$

```
       150150
   4 | 60600
     - 4
       20
     - 20
        06
      -  4
         20
       -  20     So, 606,000 ÷ 40 = 150,150
          0
```