**Multiplying and dividing by 10,100 and 1000 Y5 Answers**

**1)**

**a) 400**

**b) 750**

**c) 21000**

**d) 3300**

**e) 600**

**2)**

**a) 24**

**b) 6.8**

**c) 0.350**

**d) 0.9**

**e) 0.009**

**3)**

1. **1.5**
2. **60**

**1**

**Answer the following questions. You can use place value cards and counters to help you.**

**1. (a) 4 x 100 = 400**

**(b) 75 x 10 = 750**

**(c) 21 x 1000 = 21000**

**(d) 100 x 33 = 3300**

**(e) 60 x 10 = 600**

**2. (a) 2400 ÷ 100 = 24**

**(b) 68 ÷ 10 = 6.8**

**(c) 350 ÷ 1000 = 0.350**

**(d) 9 ÷ 10 = 0.9**

**(e) 9 ÷ 1000 = 0.009**

**3. Work out**

**(a) 15 x 10 ÷ 100 = 1.5**

**(b) 6 ÷ 100 x 1000 = 60**

 **3. Fill in the missing numbers in these calculations.**

**(a) 6 ÷ 10 = 0.6**

**(b) 45 x 100 = 4500**

**(c) 0.74 = 74 ÷ 10**

**(d) 1000 x 658 = 65800**



**65.8**

**10**

**45**

**10**



X

√

√

X

X

√



7 x 10 = 70

70 x 1 = 70

700 / 10 = 70

7000 / 100 = 70

5

4

3

2

1





**1.2**

**10**

**30**

**10**

**30**

**30**



There are many different combinations that can be used to work this one out but c divided by b will always be 100. These are only a few examples.

If A = 10 B would = 100 and C would = 10000

So 10000/ 100 = 100

If A = 20 B would = 200 and C would = 20000

So 20000/200 = 100

If A= 3.5 B would = 35 C would =3500

So 3500 / 35 = 100