

Remember:-

If you multiply by **10**, move all the digits **ONE** place to the left
If you multiply by **100**, move all the digits **TWO** places to the left
If you multiply by **1000**, move all the digits **THREE** places to the left

To multiply by **20**, multiply by **10** then times by **2**
To multiply by **300**, multiply by **100** then times by **3**
To multiply by **4000**, multiply by **1000** then times by **4**

Task

Circles:- Qu.1a-d, Qu.2a-d Qu.3a,b

Squares:- Qu. 1, 2, 3, 4b,d,e

Triangles:- All

1.a. 3.6×10 **36** b. 4.8×10 **48** c. 2.67×10 **26.7** d. 10×9.17 **91.7**
e. 10×12.52 **125.2** f. 0.94×10 **9.4** g. 10×4.08 **40.8** h. 10×0.03 **0.3**
i. 24.753×10 **247.53** j. 9.108×10 **91.08** k. 10×4.007 **40.07** l. 0.0508×10 **0.508**

2.a. 3.82×100 **382** b. 5.41×100 **541** c. 100×6.09 **609** d. 100×8.6 **860**
e. 7.478×100 **747.8** f. 100×0.751 **75.1** g. 100×0.0481 **4.81** h. 0.0095×100 **0.95**

3.a. 2.947×1000 **2947** b. 3.060×1000 **3060** c. 4.75×1000 **4750** d. 1000×19.3 **19300**

e. 1000×0.856 **856** f. 0.0948×1000 **94.8** g. 1000×2.0202 **2020.2** h. 1000×0.8005 **800.5**

4. a. [I have done this one for you, copy it down]

$$1.32 \times 20 = 1.32 \times 10$$

$$= 13.2$$

$$= 13.2 \times 2 \longrightarrow 13.2$$

$$\begin{array}{r} X \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \underline{26.4} \end{array}$$

b. 13.23×40 **529.2**

c. 14.12×60 **847.2**

d. 3.951×90 **355.59**

e. 23.13×200 **4626**

f. 245.3×700 **171710**

5. One thousand people each paid £33.20 into a charity last week. How much did the charity receive last week? **£33200**

6. A music venue holds 2000 people. If a ticket costs £22.50, how much money can the venue make when full? **£45000**



