C:\Users\ben\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\3V1EJPZE\MC900446248[1].wmf**Multiplying and Dividing Decimals**

Objective: to be able to multiply two decimals together and divide one decimal by another

Starter questions

C

A

B

What is:

1. 20 x 4
2. 30 x 6
3. 50 x 8
4. 90 x 90
5. 70 x 70

What is:

1. 14 x 4
2. 15 x 6
3. 17 x 8
4. 13 x 9
5. 19 x 7

**What is:**

1. 34 x 4
2. 55 x 6
3. 27 x 8
4. 73 x 9
5. 89 x 7

**Main questions Star questions**

**Multiplying**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1** | **a)** | **0.8** | **x** | **7** | **=** |
|  | **b)** | **0.5** | **x** | **7** | **=** |
|  | **c)** | **0.1** | **x** | **6** | **=** |
|  | **d)** | **0.6** | **x** | **4** | **=** |
|  | **e)** | **0.3** | **x** | **3** | **=** |
|  |  |  |  |  |  |
| **2** | **a)** | **0.2** | **x** | **0.5** | **=** |
|  | **b)** | **0.4** | **x** | **0.7** | **=** |
|  | **c)** | **0.8** | **x** | **0.1** | **=** |
|  | **d)** | **0.9** | **x** | **0.9** | **=** |
|  | **e)** | **0.6** | **x** | **0.1** | **=** |
|  |  |  |  |  |  |
| **3** | **a)** | **1.9** | **x** | **0.3** | **=** |
|  | **b)** | **1.6** | **x** | **0.5** | **=** |
|  | **c)** | **1.6** | **x** | **0.5** | **=** |
|  | **d)** | **1.7** | **x** | **0.2** | **=** |
|  | **e)** | **1.3** | **x** | **0.7** | **=** |
|  |  |  |  |  |  |
| **4** | **a)** | **5.4** | **x** | **0.11** | **=** |
|  | **b)** | **5.2** | **x** | **0.97** | **=** |
|  | **c)** | **8.3** | **x** | **0.73** | **=** |
|  | **d)** | **4.6** | **x** | **0.11** | **=** |
|  | **e)** | **8.2** | **x** | **0.75** | **=** |

**Dividing**

* 1. **3.2 ÷ 4**
  2. **4.8 ÷ 8**
  3. **7.2 ÷ 9**
  4. **2.4 ÷ 6**
  5. **1.8 ÷ 3**

1. 1. **5.6 ÷ 0.7**
   2. **6.3 ÷ 0.7**
   3. **2.7 ÷ 0.3**
   4. **4.9 ÷ 0.7**
   5. **2.8 ÷ 0.7**
   6. **1.65 ÷ 0.15**
   7. **÷ 0.12**
   8. **27.3 ÷ 1.3**
   9. **0.03 ÷ 0.005**
   10. **0.99 ÷ 0.0009**

Write yourself reminders from today’s lesson so that in ten years you will be able to read them and the be able to multiply and divide decimals with ease