Multiplicative Reasoning Name:

16 x 20 is the same as 16 x 2 x 10

So, we double 16 which is 32 and then multiply by 10 = 320

Our working might look like

16 x 20

16 x 2 x 10

(10 x 2) + (6 x 2)

  20 + 12 = 32

32 x 10 = 320

16 x 20 = 320

10 x 20 + 6 x 20

  200 + 120

NOTE

If the expression has 2 zeros i.e. 15**0** x 2**0** - 12 x 2**00** - 6 x 2**00**

Then the product has 2 zeros   **300**   **2400**   **1200**

If the expression has 3 zeros i.e. 2**00** x 2**0** - 12 x 2**000** - 60 x 2**00**

Then the product has 2 zeros   **4000**   **24 000**   **12 000**

13 x 10 =	12 x 10 =	12 x 38 =
16 x1000 =	18 x 1000 =	(___ x 38) + (___ x 38)
13 x 100 =	21 x 100 =	2 x 30 = 2 x 8 =
15 x 10 =	22 x 10 =	_____ + _____
24 x 20 =	31 x 20 =	12 x 26 =
31 x 200 =	41 x 200 =	(___ x 26) + (___ x 26)
410 x 20 =	50 x 200 =	2 x 20 = 2 x 6 =
400 x 20 =	500 x 20 =	_____ + _____
150 x 20 =	50 x 20 =	