# Tuesday's Maths Key Slides

## Tuesday

1 x 12 = 12
2 x 12 = 24
3 x 12 = 36
4 x 12 = 48
5 x 12 = 60
6 x 12 = 72
7 x 12 = 84
8 x 12 = 96
9 x 12 = 108
10 x 12 = 120
11 x 12 = 132
12 x 12 = 144

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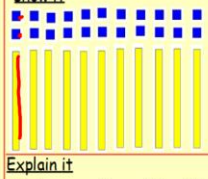
How can I use partitioning to solve this problem? 11 x 12 =

show it



draw it

132

| 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|

Explain it

First you need to partition 11 into 10 and 1
Multiply 10 and 12. This equals 120.
Multiply 1 and 12. This equals 12.
Next add together 120 and 12 to find the answer. The answer is 132

Prove it

11 x 12
10 x 12 = 120
1 x 12 = 12

120 + 12 = 132

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How can I use partitioning to solve this problem?

15 x 12 = 17 x 12 = 25 x 12 =

show it (draw the dienes)

draw it (draw a bar model)

Explain it

Prove it

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**Donnie is buying some posters for his room. He buys 6 posters at £12 each. Draw a representation of this before writing the calculation and finding the answer.**

6 x £12 = 72
£12 x 6 = 72

| 72 | | | | | |
|---|---|---|---|---|---|
| 12 | 12 | 12 | 12 | 12 | 12 |

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36 ÷ 3 = 12
36 ÷ 12 = 3

12 x 3 = 36
3 x 12 = 36