

Multiplying by 10 or 100
Maths worksheets from mathsblog.co.uk

Remember: when multiplying by 10 move each digit one place to the left.

Place a zero in the units as a place holder.

When multiplying by 100 move each digit two places to the left.



Try these multiplications:

1. $36 \times 10 =$

2. $45 \times 10 =$

3. $52 \times 10 =$

4. $67 \times 10 =$

5. $72 \times 10 =$

6. $90 \times 10 =$

What happens when a number is multiplied by 10?

Now try these multiplications:

7. $36 \times 100 =$

8. $45 \times 100 =$

9. $52 \times 100 =$

10. $67 \times 100 =$

11. $72 \times 100 =$

12. $90 \times 100 =$

What happens when a number is multiplied by 100?

Answers

1. 360 2. 450 3. 520

4. 670 5. 720 6. 900

Each digit moves one place to the left.

7. 3600 8. 4500 9. 5200

10. 6700 11. 7200 12. 9000

Each digit moves two places to the left.

(Multiplying by 100 is the same as multiplying by 10 and then multiplying by 10 again.)

Lots more like this on the MathSphere, 'It's All Figured Out' worksheet CD www.mathsphere.co.uk

Early years worksheets at www.urbrainy.com