NA 85 Multiples, factors and products

factors product
2 × 7 = 14
multiple

Maths Builder Online Reference: **Multiplication and Division 4:NA85**

- **The product** is the answer when multiplying numbers.
- **A multiple** of a number is found when you multiply it by a whole number, eg 3 × 5 = 15, so 15 is a multiple of both 3 and 5.
- **A factor** of a whole number can divide the number exactly.
  eg 1, 15, 3 and 5 will divide 15 exactly, so 1, 15, 3 and 5 are factors of 15.

1 Write the product of:

a 6 and 4 ____ **b** 7 and 3 ____ **c** 5 and 8 ____ **d** 9 and 8 ____

e 7 and 4 ____ **f** 8 and 6 ____ **g** 9 and 7 ____ **h** 6 and 7 ____

2 Write the next two multiples of:

a (7) 7, 14, 21, ____, ____.

b (6) 18, 24, 30, ____, ____.

c (4) 32, 36, 40, ____, ____.

d (9) 9, 18, 27, ____, ____.

3 Circle the multiples of 8.

10	24	12
32	42	88
16	8	48

4 Write the factors of:

a (6) ____, ____, ____, ____.

b (7) ____, ____.

c (12) ____, ____, ____, ____, ____, ____.

d (14) ____, ____, ____, ____.

e (36) ____, ____, ____, ____, ____, ____, ____, ____, ____.

5 Write these numbers in the correct boxes.

2 13 24 8 17 16 15 20 19 23 18

a 2 is a factor. **b** 3 is a factor. **c** 4 is a factor. **d** 1 is a factor.

e Which number above has factors of 1, 2, 3 and 4? ____

Maths Builder Year 4
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