

Number Sequences

Complete these number sequences and write the rules below:

2 4 6 8 ___ ___

Rule: (eg add 2)

5 10 15 ___ ___

(_____)

10 20 30 ___ ___

(_____)

6 9 12 ___ ___

(_____)

2 9 16 ___ ___

(_____)

7 18 29 ___ ___

(_____)

100 200 300 ___ ___

(_____)

16 24 32 ___ ___

(_____)

30 60 90 ___ ___

(_____)

Fill in the missing numbers and extend the sequences:

4 6 ___ 10 ___ 14 ___ ___

___ 20 25 30 ___ 40 45 ___ ___

4 7 ___ 13 16 ___ 22 ___ ___

___ 22 33 ___ 55 ___ 77 ___ ___

5 9 13 ___ 21 ___ 29 ___ ___

13 15 17 ___ 21 ___ 25 ___ ___

Make your own number sequences below. See if your partner can write the rules:

___ ___ ___ ___ ___ ___
Rule: (_____)

___ ___ ___ ___ ___ ___
(_____)

___ ___ ___ ___ ___ ___
(_____)

___ ___ ___ ___ ___ ___
(_____)

CHALLENGE: What are the rules for these sequences? Can you carry them on?

1 2 4 8 16 ___ ___

Rule: (_____)

271, 371, 471, ___ ___

(_____)

7 21 35 49 ___ ___

(_____)

0 1 3 6 10 15 ___ ___

(_____)