	Sequences Exe						se								
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Name:

## Sequences – exercise

Find the pattern of the sequence and the missing terms.

1. 1, 4, 9, 16, 25, <u>36</u>, <u>49</u>, <u>64</u>

pattern:\_\_\_\_

4. -8, 4, 16, 28, 40, 52

pattern: +3 add 3

5. -5, 15, -45, <u>135</u>, <u>-405</u>, <u>1215</u>, -3645

pattern: +12 add 12

6. 16, 4, 1, 4, 16, 64

pattern:  $\chi(-3)$ 

7. 3, 4.5, 6.75, 10. 125, 15.1875, 22, 18125

pattern:  $-4 \text{ or } \times (\frac{1}{4})$ 

8. 2, 3 ½, 5, 6 ½, 8, <u>9,5</u>, <u>11</u>, <u>12.5</u>

pattern: X(1.5)

pattern: + 1,5

9. 1, 8, 21, 64, 125, 216 n=1 h=2 10. 1, 1, 2, 3, 5, 8, 13, 21, 34, 55

pattern: Fboncc

Mrs. Shaw