Arithmetic sequences (recursive) Worksheet

Name: ______Period: _____

1. Find the common difference.

$$-9$$
, $-\frac{28}{3}$, $-\frac{29}{3}$, -10 , $-\frac{31}{3}$, $-\frac{32}{3}$,...

2. Find the common difference.

Write the first five terms of the sequence given the first term and common difference.

$$egin{array}{l} a_1=1 \ d=rac{1}{4} \end{array}$$

Write the first five terms of the sequence given the first term and common difference.

$$a_1 = -4$$

 $d = 10$

 $^{5\cdot}$ Find the 38^{th} term of a sequence where the first term is -2 and the common difference is $11\cdot$

6. Find the 24^{th} term of a sequence where the first term is 9 and the common difference is 1.

7- Find the 17th term of a sequence where the 5th term is 9 and the common difference is 5.

 $^{8.}$ Find the $30^{\rm th}$ term of a sequence where the $5^{\rm th}$ term is 8 and the common difference is -10.

Pre Calc Arithmetic And Geometric Sequences Practice

Camilla Rothe

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