

Name \_\_\_\_\_

Period \_\_\_\_\_

### Practice Quiz - Linear Functions

Determine the rule of each linear function. Write as a linear equation:

1. \_\_\_\_\_

x	13	24	0	36
y	-1	10	-14	22

2. \_\_\_\_\_

x	-6	10	-2	3
y	24	-40	8	-12

3. \_\_\_\_\_

x	12	-60	0	-8
y	6	-30	0	-4

**Determine if the following are linear or nonlinear. Give your reasons why.**

4.  $y = 5$

linear or nonlinear Reason: \_\_\_\_\_

5.  $y = 6x^3 - 1$

linear or nonlinear Reason: \_\_\_\_\_

6.

x	-3	0	3	6
y	10	1	-8	-17

linear or nonlinear Reason: \_\_\_\_\_

7.

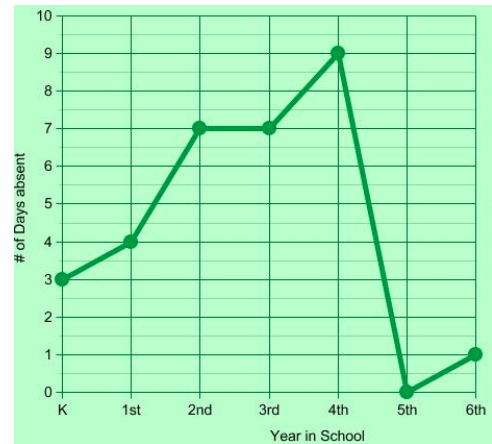
x	6	8	-8	-6
y	10	20	30	40

linear or nonlinear Reason: \_\_\_\_\_

8. linear or nonlinear

Reason:

\_\_\_\_\_



9.

linear or nonlinear

Reason:

\_\_\_\_\_

