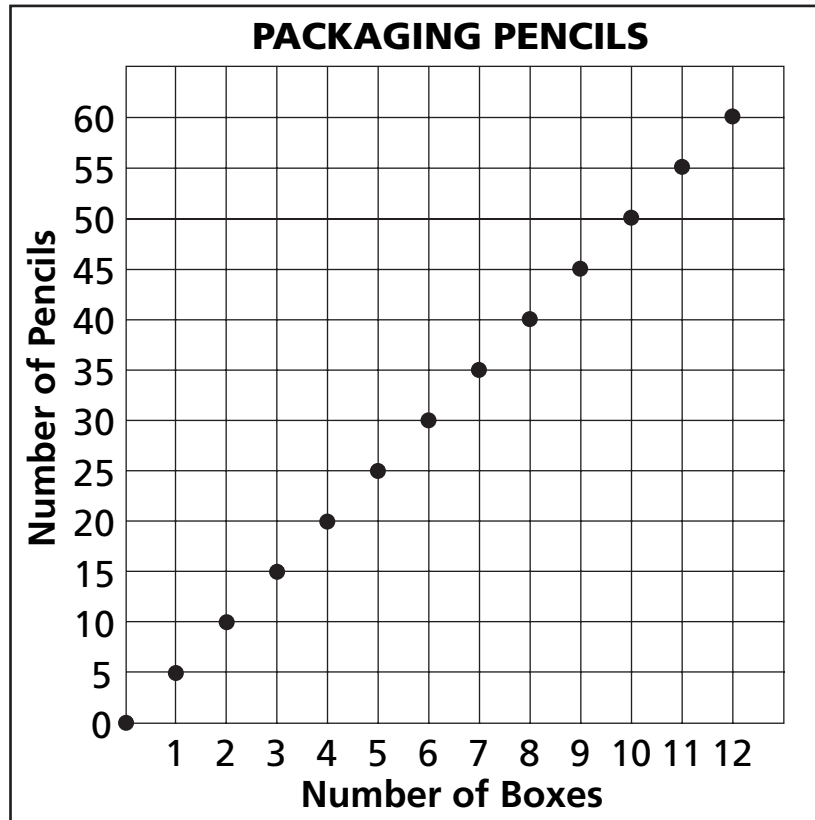


Using Graphs to Find a Rule

NCTM Standards 1, 5, 6, 8, 9, 10

The graph shows how many pencils are in different numbers of boxes. Each box contains the same number of pencils. Use the graph to complete the Find a Rule cards below.



1

BOXES	PENCILS
1	

2

BOXES	PENCILS
2	

3

BOXES	PENCILS
3	

4

BOXES	PENCILS
0	

5

BOXES	PENCILS
11	

6

BOXES	PENCILS
7	

7

BOXES	PENCILS
10	

8

BOXES	PENCILS
	40

9

BOXES	PENCILS
12	

The FAR cards show the costs of different numbers of erasers. Complete the set of cards and then use the cards to complete the graph. Use a dot to mark a point on the graph for each card.

10

ERASERS	COST
3	6¢

11

ERASERS	COST
2	4¢

12

ERASERS	COST
6	12¢

13

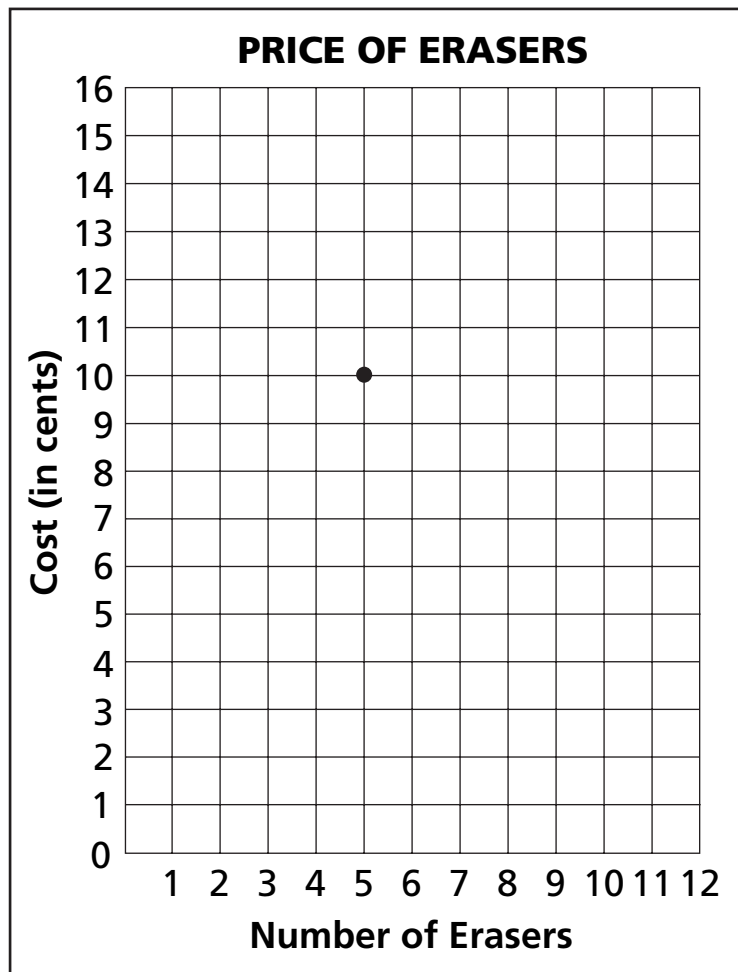
ERASERS	COST
8	

14

ERASERS	COST
7	

15

ERASERS	COST
4	



16 Challenge Erasers now cost twice as much. Mark the prices for 1, 2, 3, and 4 erasers on the graph above with an "x."