

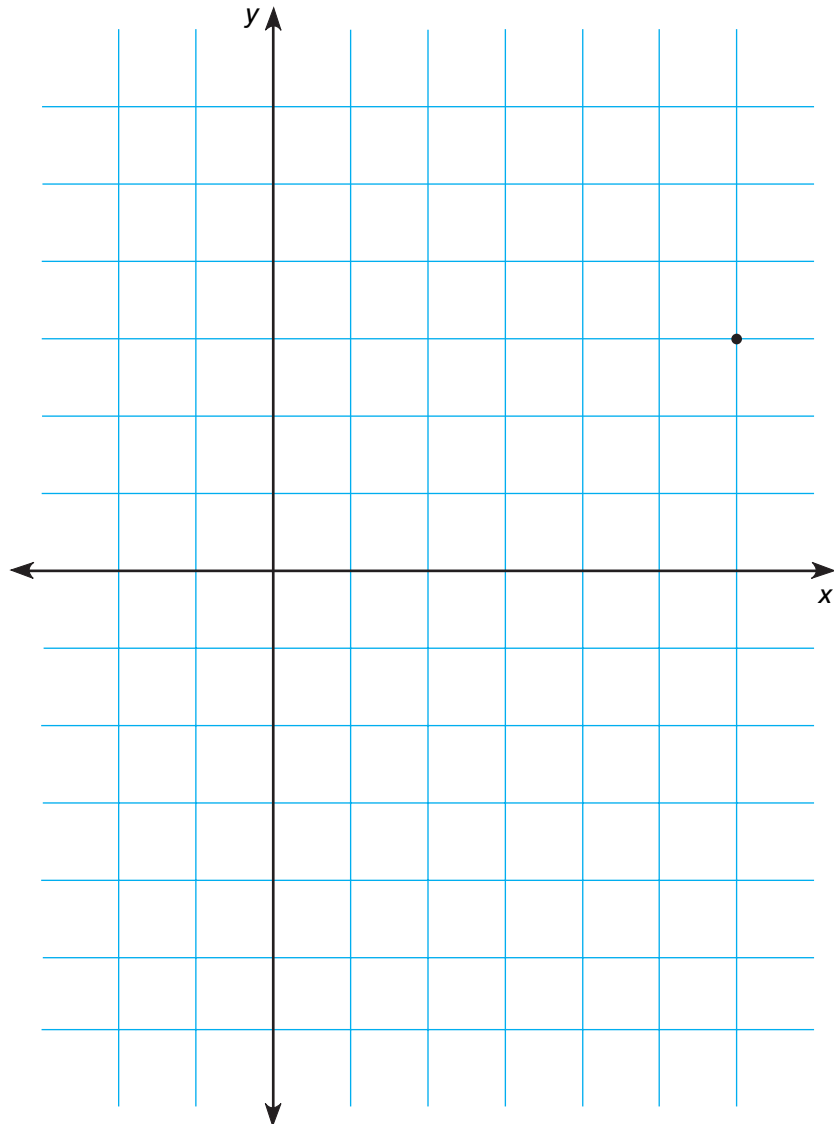
Number Sentences and Straight Lines

NCTM Standards 1, 2, 3, 6, 7, 8, 9, 10

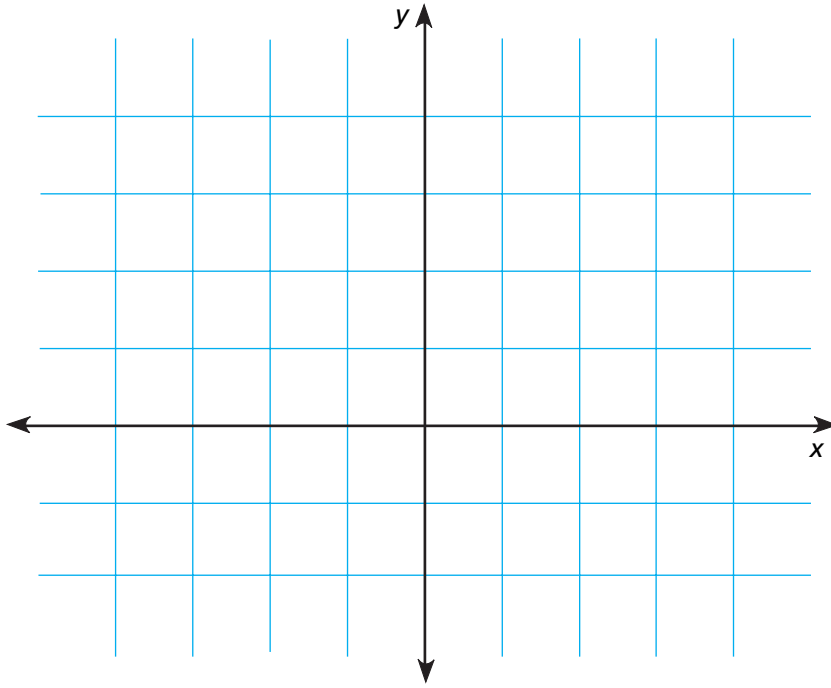
- 1 Graph the line whose points all fit the sentence $y = x - 3$.

Fill in and use the table to help you find some points on the line.

(x,y)
$(6,3)$
$(0, \underline{\quad})$
$(\underline{\quad}, 0)$
$(5, \underline{\quad})$
$(\underline{\quad}, 4)$
$(-3, \underline{\quad})$
$(\underline{\quad}, -1)$
$(\underline{\quad}, -5)$



- 2 Mark the points and draw the line connecting them. Then, fill in the line table and write a number sentence to describe the rule.



$y = \underline{\hspace{2cm}}$

(x,y)
$(1,3)$
$(0,2)$
$(\underline{\hspace{1cm}},0)$
$(-4,\underline{\hspace{1cm}})$
$(3,\underline{\hspace{1cm}})$
$(\underline{\hspace{1cm}},4)$
$(\underline{\hspace{1cm}},1)$
$(-5,\underline{\hspace{1cm}})$



3 **Challenge** Sometimes the Generous Bakery delivers more cookies than a customer orders.

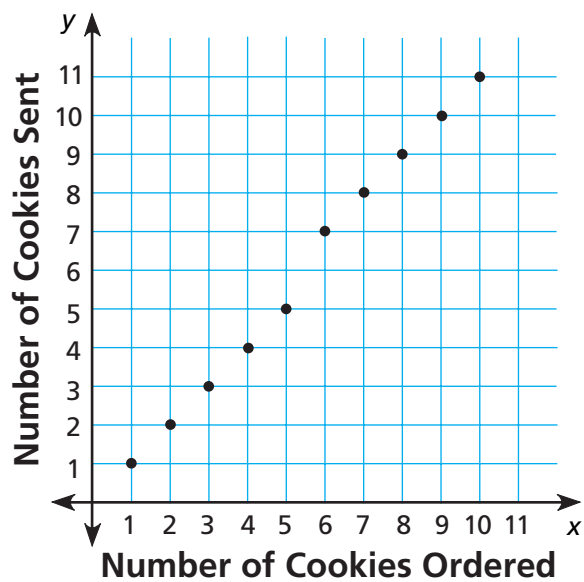
The clerks use this graph to tell how many cookies to send to a customer.

Suenita ordered 8 cookies.

How many cookies did the bakery send her?

When will you get more cookies than you order?

COOKIE DELIVERIES



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