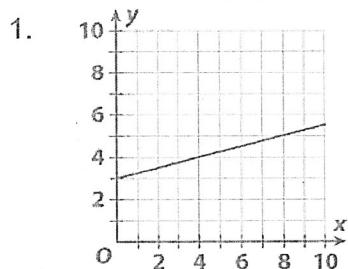


**LESSON**  
**4-4**

# Proportional and Nonproportional Situations

## Practice and Problem Solving: A/B

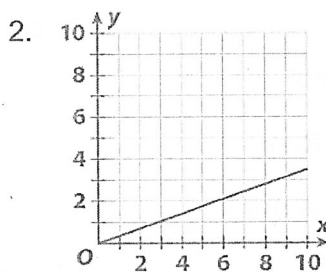
Determine if each relationship is a proportional or nonproportional situation. Explain your reasoning. (Assume that the tables represent linear relationships.)




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3.  $t = 15d$

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4.  $m = 0.75d - 2$

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5.  $y = \sqrt{x}$

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6.  $r = b^2 + 1$

---



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7.

$x$	$y$
2	11
5	26
12	61

---



---

8.

$x$	$y$
4	36
10	90
13	117

---



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**LESSON**  
**4-4**

# Proportional and Nonproportional Situations

## Practice and Problem Solving: D

Determine if each relationship is a proportional or nonproportional situation. Explain your reasoning. (Assume that the tables represent linear relationships.) The first one is done for you.

1.  $y = 6x + 3$

non-proportional; when the

equation is written in the form

$y = mx + b$ , the value of  $b$  is not 0.

2.  $c = 5t$

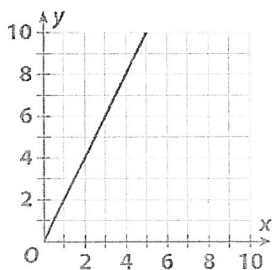
3.

$x$	$y$
5	40
8	64
11	88

4.

$x$	$y$
6	17
10	25
12	29

5.



6.

