

**LESSON 8.5 Practice**  
For use with pages 520–527

Write a rule for the function.

1.

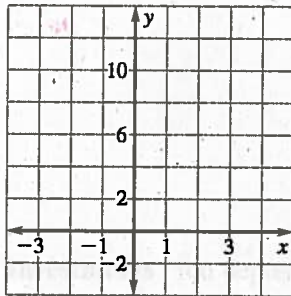
<b>x</b>	-2	-1	0	1	2
<b>y</b>	$\frac{1}{121}$	$\frac{1}{11}$	1	11	121

2.

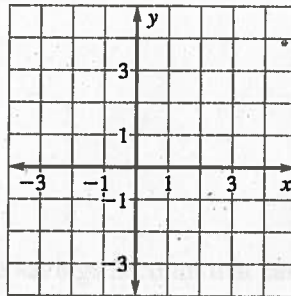
<b>x</b>	-1	0	1	2	3
<b>y</b>	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	1	2

Graph the function and identify its domain and range.

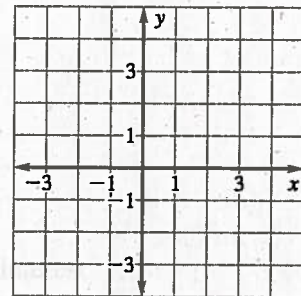
3.  $y = 12^x$



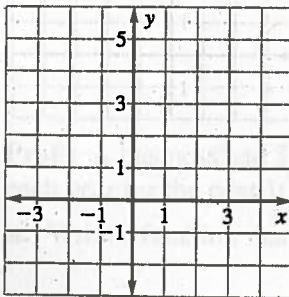
4.  $y = (1.75)^x$



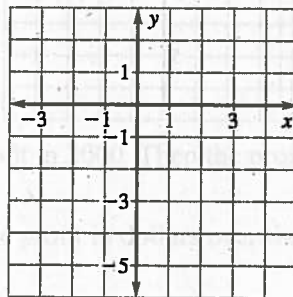
5.  $y = (3.1)^x$



6.  $y = \left(\frac{9}{2}\right)^x$



7.  $y = -5^x$



8.  $y = -\left(\frac{3}{2}\right)^x$

