

**Test
2****Practice SOL Test**

14 The price of a lamp at Grey's Furniture is \$20 less than the price of the same lamp at Green's Decorating. The lamp costs d dollars at Green's. If Lili buys 3 lamps at Grey's and spends \$120, which equation can be solved to find the value of d ?

- F $3d - 20 = 120$
- G $3(d - 20) = 120$
- H $3d + 20 = 120$
- J $3(d + 20) = 120$

15 Which is equivalent to

$$(3a^2)^4?$$

- A $12a^6$
- B $12a^8$
- C $81a^6$
- D $81a^8$

16 The ordered pairs shown form a quadratic pattern.

x	y
2	-1
3	1
4	5
5	11
6	19
7	?

What is the missing value of y ?

- F 27
- G 28
- H 29
- J 30



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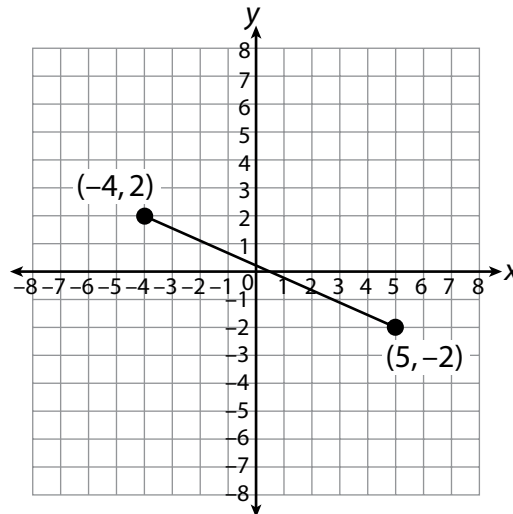
- 17 The table shows the relationship between the number of televisions (t) purchased and the total purchase price (p).

t	p
1	\$150
3	\$450
5	\$750
8	\$1,200

Which equation represents the relationship between t and p ?

- A $p = t + 149$
 B $p = 10t + 140$
 C $p = 50t + 100$
 D $p = 150t$

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What is the domain of the function shown in the graph?

- F {All real numbers < 5 }
 G {All real numbers < -2 }
 H {All real numbers between and including -4 and 5 }
 J {All real numbers between and including -2 and 2 }

GO ON