Page 1 of 6



Page 2 of 6





Page 4 of 6



Questions to practice



6.2 Jasmine has a party where it cost \$40 to rent a room and \$8 for each person invited? How much does it cost for 10 people to come to Jasmine's party? A) \$48 B) \$58 C) \$80 D) \$120	6.2 George has a party where it cost \$50 to rent a room and \$9 for each person invited? How much does it cost for 12 people to come to his party?
6.3 What is the missing value for y in (11,y) using y= -3x+4? A) -33 B) -29 C) 29 D) 37	 6.3 A) What is the missing value for y in (8,y) using y= -2x+4?
	B) What is the missing value for x in (x, 16) using y= -2x+4?
Ex. 6.3.1 Distributive Property	Ex. 6.3.2 Distributive Property
	$\mathbf{D}(\mathbf{A} + \mathbf{F})$
-5(3x-4)	-2(-4x+5)
-5 (3x - 4) = -15x + 20	= -2(-4x+5) = $8x-10$
-5 (3x - 4) $= -15x + 20$ 6.4 Distributive Property	-2(-4x + 5) = $8x - 10$ 6.4. What is the expanded form?
-5 (3x - 4) $= -15x + 20$ 6.4 Distributive Property What is -3(x-5) in expanded form? A) -8x	-2(-4x + 5) = 8x - 10 6.4. What is the expanded form? A) -6(x - 4)
-5 (3x - 4) $= -15x + 20$ 6.4 Distributive Property What is -3(x-5) in expanded form? A) -8x B) -3x -15	-2(-4x + 5) $= 8x - 10$ 6.4. What is the expanded form? A) -6(x - 4) B) 9(-2x + 4)
-5 (3x - 4) $= -15x + 20$ 6.4 Distributive Property What is -3(x-5) in expanded form? A) -8x B) -3x -15 C) -3x +8	-2(-4x + 5) $= 8x - 10$ 6.4. What is the expanded form? A) -6(x - 4) B) 9(-2x + 4)
-5 (3x - 4) = -15x + 20 6.4 Distributive Property What is -3(x-5) in expanded form? A) -8x B) -3x -15 C) -3x +8 D) -3x + 15	-2(-4x + 5) $= 8x - 10$ 6.4. What is the expanded form? A) -6(x - 4) B) 9(-2x + 4) C) -2(-3x + 5)
-5 (3x - 4) $= -15x + 20$ 6.4 Distributive Property What is -3(x-5) in expanded form? A) -8x B) -3x -15 C) -3x +8 D) -3x + 15 6.5 Which line contains the first mistake? -3x - 4 = 11	-2(-4x + 5) = 8x - 10 6.4. What is the expanded form? A) -6(x - 4) B) 9(-2x + 4) C) -2(-3x + 5) 6. 5Which line contains the first mistake?
-5 (3x - 4) $= -15x + 20$ 6.4 Distributive Property What is -3(x-5) in expanded form? A) -8x B) -3x - 15 C) -3x + 8 D) -3x + 15 6.5 Which line contains the first mistake? $-3x - 4 = 11$ $-3x - 4 + 4 = 11 + 4 \dots$ LINE 1 $-3x = 15 \dots$ LINE 2	-2(-4x + 5) = 8x - 10 6.4. What is the expanded form? A) -6(x - 4) B) 9(-2x + 4) C) -2(-3x + 5) 6. 5Which line contains the first mistake? $-3x - 4 = 11$ $-3x - 4 + 4 = 11 + 4 \dots \text{LINE 1}$
$-5 (3x - 4)$ $= -15x + 20$ 6.4 Distributive Property What is -3(x-5) in expanded form? A) -8x B) -3x -15 C) -3x +8 D) -3x + 15 6.5 Which line contains the first mistake? $-3x - 4 = 11$ $-3x - 4 + 4 = 11 + 4 \dots \text{LINE 1}$ $-3x - 4 + 4 = 11 + 4 \dots \text{LINE 1}$ $-3x = 15 \dots \text{LINE 2}$ $\frac{-3x}{3} = \frac{15}{3} \dots \text{LINE 3}$ $x = 5 \dots \text{LINE 4}$	-2(-4x + 5) = 8x - 10 6.4. What is the expanded form? A) -6(x - 4) B) 9(-2x + 4) C) -2(-3x + 5) 6. 5Which line contains the first mistake? $-3x - 4 = 11$ $-3x - 4 + 4 = 11 + 4 \dots \text{LINE 1}$ $3x = 15 \dots \text{LINE 2}$ $\frac{3x}{3} = \frac{15}{3} \dots \text{LINE 3}$

B) LINE 2 C) LINE 3 D) LINE 4	B) LINE 2 C) LINE 3 D) LINE 4
6.6 What is the linear equation for a number divided by negative four is twelve? A) $\frac{x}{12} = -4$ B) $\frac{x}{-4} = 12$ C) $x - 4 = 12$ D) $x + 12 = -4$	 6.6 A) What is the linear equation for a number divided by negative five is twenty? B) What is the linear equation for a the sum of twice a number and five is twenty?
6.7 Which statement would best describe the	6.7 Write a statement would best describe
linear relation shown in this table?	the linear relation shown in this table:
xy -2 12 -1 6001 -6 2 -12	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
6.8 George paid \$88 to rent a boat. The rate was	6.8 Andrew paid \$97 to rent the bowling
\$25 plus \$7 per hours. How many hours did	alley. He paid \$30 plus \$8 per hour. How
George rent the boat?	many hours did he have the bowling alley?
A) 9	
B) 33	
C) 56	
D) 63	