

TEAM NAME: \_\_\_\_\_ PARTNER A: \_\_\_\_\_

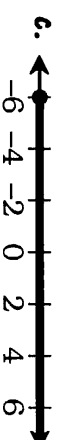
# What Did the Skeleton Order With His Dinner?

Solve each inequality, then mark the letter of the correct answer. Partner #1 will get a lower case letter. Partner #2 will get an upper case letter. In each box containing the lower case letter from Partner #1, write the upper case letter from Partner #2.

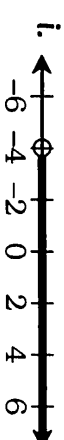
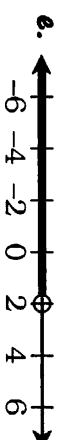


1.  $-2x + 5 < 13$       2.  $\frac{x}{3} - 10 \geq -12$

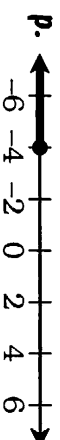
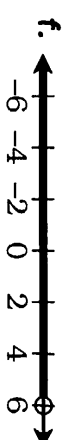
Answers for Exercises 1-4



3.  $-38 \geq 9x - 2$       4.  $-\frac{1}{6}x + 15 > 14$



5.  $17 \leq -4n + 7$       6.  $-\frac{n}{12} - 5 \geq -5$



Answers for 5-7

7. Tonka weighs 150 lb. He is loading a freight elevator with identical 72-pound boxes. The elevator can carry no more than 2000 lb. If Tonka rides up with the boxes, how many boxes can be loaded on the elevator?
8.  $0.8y + 50 > -12$       9.  $13 < -\frac{1}{5}y - 2$

- q.  $n \geq 0$   
k.  $n \leq 0$   
m.  $n \leq -2.5$   
o. 27 or less  
e. 25 or less

10. Suppose you are a salesperson for the Acme Dynamite Company. Each month you earn \$600 plus one eighth of your sales. What amount must you sell this month to earn more than \$3000?

Answers for 8-10

- a.  $y > -77.5$   
j.  $y < -75$   
d.  $y > -75$   
q.  $> \$19,200$   
b.  $> \$18,600$

11.  $85 \leq -20w - 7$       12.  $9 - \frac{w}{10} \geq 6$

Answers for 11-13

13. The Micron Middle School Spring Carnival charges \$4 for admission plus \$0.75 for each ride ticket. How many ride tickets can you buy if you want to spend no more than \$20?

- d.  $w \leq 30$   
h.  $w \geq 30$   
g.  $w \leq -4.6$   
n. 22 or less  
o. 21 or less

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
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TEAM NAME: \_\_\_\_\_

PARTNER B: \_\_\_\_\_

## What Did the Skeleton Order With His Dinner?

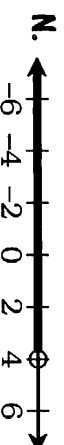
Solve each inequality, then mark the letter of the correct answer. Partner #1 will get a lower case letter. Partner #2 will get an upper case letter. In each box containing the lower case letter from Partner #1, write the upper case letter from Partner #2.



1.  $-2x + 7 < 11$

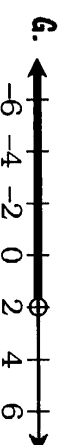
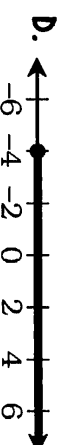
2.  $\frac{x}{4} - 9 \geq -10$

Answers for Exercises 1-4



3.  $-18 \geq 5x - 8$

4.  $-\frac{1}{2}x + 5 > 3$



5.  $22 \leq -6n + 1$

6.  $-\frac{n}{15} - 4 \geq -4$



Answers for 5-7

D.  $n \leq 0$

V.  $n \geq 0$

A.  $n \leq -3.5$

R. 29 or less

I. 27 or less

7. Tonka weighs 150 lb. He is loading a freight elevator with identical 67-pound boxes. The elevator can carry no more than 2000 lb. If Tonka rides up with the boxes, how many boxes can be loaded on the elevator?

8.  $0.8y + 30 > -24$

9.  $10 < -\frac{1}{7}y - 2$

Answers for 8-10

A.  $y > -67.5$

N.  $y < -84$

E.  $y > -84$

L.  $> \$14,800$

P.  $> \$15,600$

10. Suppose you are a salesperson for the Acme Dynamite Company. Each month you earn \$400 plus one sixth of your sales. What amount must you sell this month to earn more than \$3000?

11.  $65 \leq -20w - 11$

12.  $9 - \frac{w}{10} \geq 2$

Answers for 11-13

T.  $w \geq 70$

R.  $w \leq 70$

K.  $w \leq -3.8$

M. 17 or less

S. 18 or less

13. The Micron Middle School Spring Carnival charges \$7 for admission plus \$0.75 for each ride ticket. How many ride tickets can you buy if you want to spend no more than \$20?

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
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