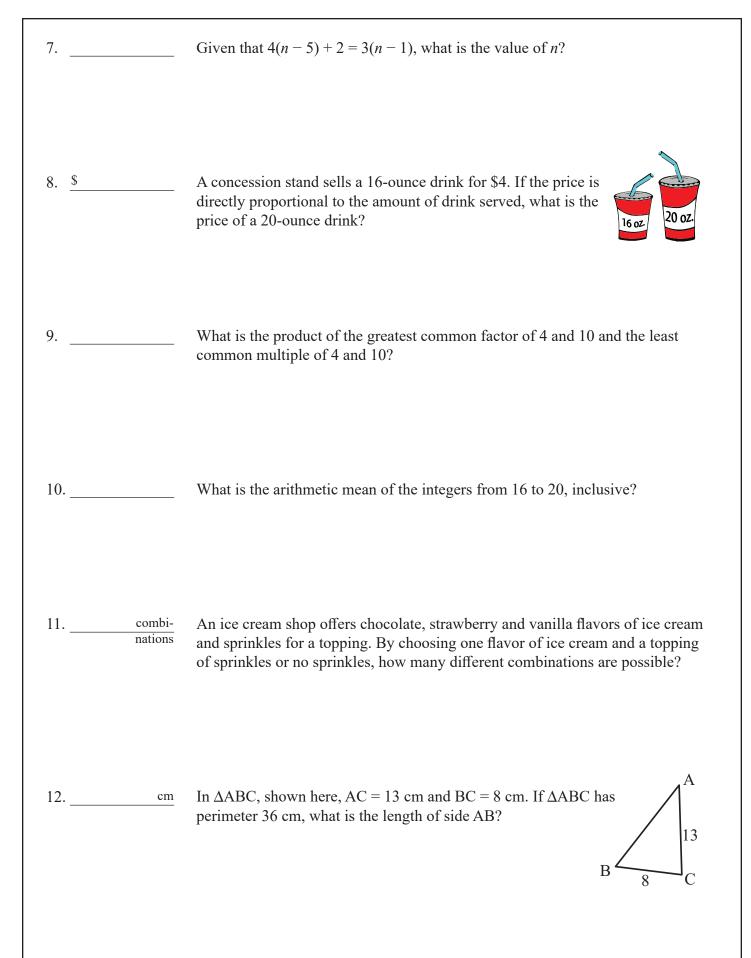
1. \$	Three investors decided to buy a time machine, with each person paying an equal share of the purchase price. If the purchase price was \$6000, how much did each investor pay?		
2.	What integer is closest to $10\pi$ ?		
3	What is the sum of the positive integer factors of 12?		
4	If $\spadesuit = 8$ and $\blacksquare = 4$ , what is the value of the expression $2 \times \spadesuit - 4 \times \blacksquare$ ?		
5	If $5x + 2 = 7$ , what is the value of $15x + 6$ ?		
6.	What is the range of the four high scores in the table shown here?		
	High Scores		
	Player High Score		
	PinkNinja 5,736,750		

Player	High Score	
PinkNinja	5,736,750	
FR33DOM	2,710,275	
Marsh-e-mallow	919,475	
Gator-231	426,500	



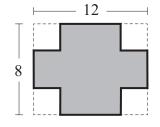
13.		
1.5.		

What is the value of the sum  $2 + 4 + 6 + \cdots + 18 + 20$ ?

## 14. quarters

Sammy goes to the store and buys \$1.80 worth of produce. He gives the clerk a \$5 bill and receives change consisting of only quarters, dimes, nickels and pennies. What is the greatest number of quarters he could receive?

15. inches



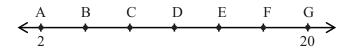
An 8-inch by 12-inch piece of cardboard has a 3-inch by 3-inch square cut out of each corner. What is the perimeter of the resulting figure, shown here?

16. units<sup>2</sup>

What is the area of the triangle enclosed by the lines y = 0, x = 8 and y = x?

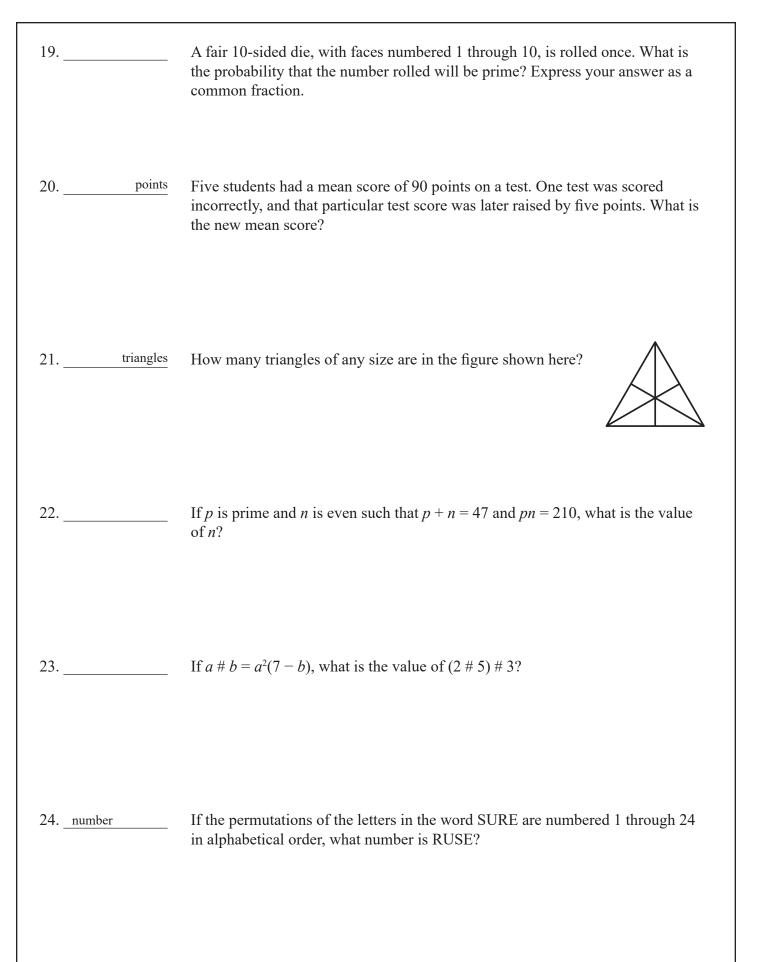
17. <u>units</u>

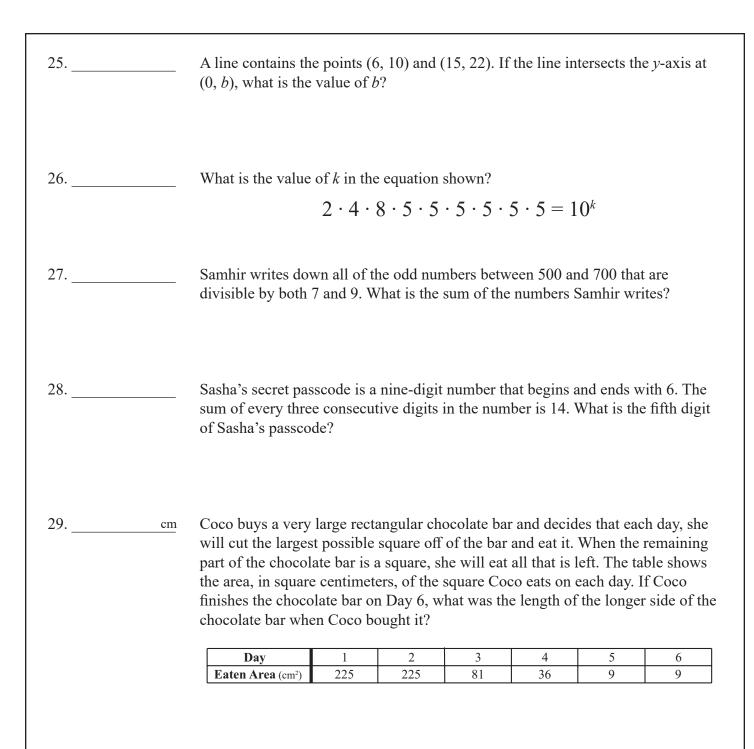
If A through G are evenly spaced points on the number line shown, what is the value of AC + DG?



18.

What decimal is equivalent to  $\frac{4}{5}$  percent?





This figure shows five shaded circles within a circle of radius 7 units. The four small congruent shaded circles are tangent

to the outer circle and to the large shaded circle. The radius of each of the smaller shaded circles is  $\frac{1}{5}$  the radius of the large shaded circle. What fraction of the largest circle's area is

shaded? Express your answer as a common fraction.

