Name: ____

Pronumerals

In algebra, letters are used to stand for numbers. They are called **pronumerals**.

I can say, On Friday 'I will buy x black pens and y red pens for school,' but until I buy the pens, I will not know the values of x and y.

If I let x denote the number of black pens and y denote the number of blue pens,

After Friday,

The number of black pens = 10 and the number of red pens = 5.

Therefore, x = 10 and y = 5

Note: It is incorrect to write x = 10 black pens because we have already said in the first place that x denotes the number of black pens. However, it is correct to say the number of black pens is x or 8 black pens.

1. If x denotes the number of days in the weekend then x =_____

2. If d denotes the number of days in a week, then d =_____

3. If t denotes the number of movie tickets we need to buy for everyone in the class, then t =_____

4. If m denotes the number of months in a year then m =_____

5. If c represents the number of chairs in the classroom, then c =_____

6. Let l be the length of your ruler in cm. Then l =_____

7. If e denotes the product 5×5 then e = ______

8. If s denotes the number of seconds in 2 minutes, then s =_____

9. Let t be the time, in hours, it takes you to get to school each morning. Then t =_____

10. If s denotes the sum of 2 + 4 + 6 + 8 + 10, then s =_____

11. If p denotes the number of students in your classroom, then s = ______

12. If v denotes the velocity of a car traveling at 20 km/h, then v =_____

13. If h is your height in cm, then h = _____

14. If p denotes the product 6×6 then e = _____

15. If x denotes the square of 2, then x =_____



16.	If p is the number of pencils you own, then $p = $
17.	If y denotes the product 3×4 then $y = $
18.	If d denotes the number of digits in two thousand and fifty two, then $d =$
19.	If w denotes the number of tonnes in 5 whales, each weighing 125 tonnes, then $w = $
20.	If c denotes the number of 5 cent coins in \$6.60, then $c = $
21.	If P denotes the perimeter of a square with side length $6cm$, then $P = $
22.	If A denotes the area of a triangle with base 3 cm and height 5cm, then $A = $
23.	If p represents the number of players on a basket ball team, then $p = $
24.	If s denotes the number of sides in an octagon, then $s = $
25.	If n represents the number of sides in a hexagon, then $n = $
26.	If c denotes the number of cents in a dollar, then $c = $
27.	If h denotes the number of hours in a day, then $h = $
28.	If w represents the number of weeks in a year, then $w = $
29.	If f denotes the number of faces on a cube, then $f = $
30.	If s denotes the number of sides in a square, then $s =$
31.	If e represents the number of edges in a cube, then $e = $
32.	If m represents the number of minutes in an hour, then $m = $
33.	Challenge: Let S denote the sum of numbers from 1 to 100, then $S = $ (Hint: Think of
	pairing numbers in a way that would make the summation easier.)

