

Be sure to show all of your work and label your answer. Do your best thinking!

1 Suppose the 0 key on your calculator is not working.
How could you use the calculator to find $15 \times 37,300$?

2 If the sum of the digits of a number is a multiple of 3, then the number is divisible by 3.
Example: 747 is divisible by 3 because $7 + 4 + 7 = 18$ and 18 is divisible by 3, then so is 747.

Which of these numbers are divisible by 3?

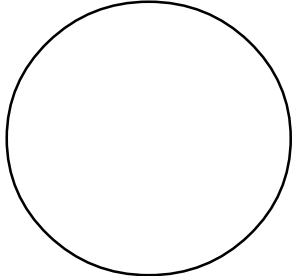
63 43 196 234 1509 223,101

List three numbers which are divisible by three.

3 There are 100 grab bag gifts. Five of them are books.
What are Chelsea's chances of picking a book?

4 Label the circle with the following information.

The radius (r) is 6 inches $r = 6''$
The diameter (d) is 1 foot $d = 1'$



5 Study the code. use the code to rewrite each message as a number sentence.
Each symbol represents one digit. Code: 1=___ 2=___ 3=___ 4=___ 5=___ 8=___

Code: \$ + # + ! = @ * Meaning: 3 + 4 + 5 = 1 2	Code: # ! ÷ \$ = @ ! Meaning: _____
Code: # ! + @ \$ = ! / Meaning: _____	Code: @ ! x * \$ = \$ # ! Meaning: _____