

π	Esercizi di apprendimento sul calcolo dell'area del cerchio
-------------------------	--

1. Un cerchio ha il raggio di 3 cm.

Calcola la sua area.

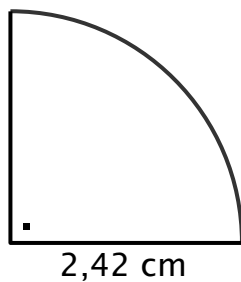
.....

2. Un cerchio ha il diametro di 6 cm.

Calcola la sua area lasciando π nei calcoli e nel risultato.

.....

3. Calcola l'area dello "spicchio" di cerchio disegnato qui sotto.



.....

4. Trova il raggio di un cerchio equivalente a un quadrato di perimetro 42 cm (equivalente significa "che ha la stessa area").

.....

5. Un esagono regolare è inscritto in una circonferenza. Sapendo che il perimetro del poligono misura 174 cm, determina la lunghezza della circonferenza e l'area del cerchio da essa definito.
Fai prima uno schizzo della situazione.

.....

.....

.....

.....

6. Questo testo ha a che fare con le cifre di pi greco... sai capire in che modo?

For a time I stood pondering on circle sizes. The large computer mainframe quietly processed all of its assembly code. Inside my entire hope lay for figuring out an elusive expansion. Value: pi. Decimals expected soon. I nervously entered a format procedure. The mainframe processed the request. Error. I, again entering it, carefully retyped. This iteration gave zero error printouts in all - success. Intently I waited. Soon, roused by thoughts within me, appeared narrative mnemonics relating digits to verbiage! The idea appeared to exist but only in abbreviated fashion - little phrases typically. Pressing on I then resolved, deciding firmly about a sum of decimals to use - likely around four hundred, presuming the computer code soon halted! Pondering these ideas, words appealed to me. But a problem of zeros did exist. Pondering more, solution subsequently appeared. Zero suggests a punctuation element. Very novel! My thoughts were culminated. No periods. I concluded. All residual marks of punctuation = zeros. First digit expansion answer then came before me. On examining some problems unhappily arose. That imbecilic bug! The printout I possessed showed four nine as foremost decimals. Manifestly troubling. Totally every number looked wrong. Repairing the bug took much effort. A pi mnemonic with letters truly seemed good. Counting of all the letters probably should suffice. Reaching for a record would be helpful. Consequently, I continued, expecting a good final answer from computer. First number slowly displayed on the the flat screen - 3. Good. Trailing digits apparently were right also. Now my memory scheme must probably be implementable. The technique was chosen, elegant in scheme: by self reference a tale mnemonically helpful was ensured. An able title suddenly existed - "Circle Digits". Taking pen I began. Words emanated uneasily. I desired more synonyms. Speedily I found my (alongside me) Thesaurus. Rogets is probably an essential in doing this, instantly I decided. I wrote and erased more. The Rogets clearly assisted immensely. My story proceeded (how lovely!) faultlessly. The end, above all, would soon joyfully overtake. So, this memory helper story is incontestably complete. Soon I will locate publisher. There a narrative will I trust immediately appear, producing fame. THE END.