Integer1

Berilgan ifodani hisoblang: $\sqrt{\sqrt{(a^3-b^3)+(a^3+b^3)}}$

Input: *a; b* . (*a* sonni 0<*a*<1000 va *b* sonni 0<*b*<1000 faqat shu oraliqda oling.)
Output: natijani chiqaring.

Input:	Output:
2 3	2.0
8 5	5.656854249492381

Integer2

Berilgan ifodani hisoblang: $(\frac{1}{6}\sqrt{a} + \frac{1}{3}\sqrt{b})^2$

Input: *a; b* . (*a* sonni 0<*a*<1000 va *b* sonni 0<*b*<1000 faqat shu oraliqda oling.)
Output: natijani chiqaring.

Input:	Output:
4 9	1.7777777777777

Integer3

Uch xonali ***a*** butun son berilgan, undan boshida turgan raqam bilan oxirida turgan raqamni joyini o'zgartirib xosil bo'lgan sonni chiqaring.

Input: *a* .
Output: o'ng va chap tomon oxirida turgan sonlarni joyini almashtirish.

Input:	Output:
231	132
765	567

Integer4

Uch xonali ***a*** butun son berilgan, undan o'nlik xona birligidagi raqam bilan yuzlik xona birligida turgan raqamlarni joyini o'zgartirib xosil bo'lgan sonni chiqaring.

Input: *a* .
Output: o'nlik va yuzlik xona birligida turgan raqamlarni joyini almashtirish.

Input:	Output:
345	435
123	213
555	555

Integer5

Berilgan ifodani hisoblang: $\mathbf{9}\,a^2b - 27a^2b^2 + 15b^2$

Natijani 2 xona birlikda, yaxlitlang. (***round ( )*** funksiyasidan foydalaning)

Input: *a; b* . (*a* sonni $0<a<1000$ va *b* sonni $0<b<1000$ faqat shu oraliqda oling.)
Output: natijani chiqaring.

Input:	Output:
6.3 8.6	-75076.35
4.5 9.6	-47256.48

Integer6

Berilgan ifodani hisoblang: $\frac{(1+\frac{r}{100})^n}{\sqrt{a^2+b^2}}$

Input: *r; n; a; b.*(*r* sonni $0<r<1000$, *n* sonni $0<n<1000$, *a* snni $0<a<1000$ va *b* sonni $0<b<1000$ faqat shu oraliqda oling.)
Output: natijani chiqaring.

Input:	Output:
3 2 4 5	0.1656847439876

Integer7

x1, y1 va ***x2, y2*** ikki nuqtaning koordinatalari berilgan, ular orasidagi masofani ikki xona birlikda hisoblang.

Masofa ushbu formula bo'yicha hisoblanadi: $\sqrt{(x2 - x1)^2 + (y2 - y1)^2}$

Input: *x1; y1; x2; y2 ; (Haqiqiy son)*
Output: natijani chiqaring.

Input:	Output:
-1.4 7.9 6.1 9.9	7.76
-3.9 -8.2 -1.3 -2.9	5.90

Integer8

Uchburchakning uchta uchining koordinatalari berilgan: ***x1***, ***y1***, ***x2***, ***y2***, ***x3***, ***y3*** . Tekislikda ikki nuqta orasidagi masofani hisoblash formulasidan foydalanib, uning perimetri (***P***) va yuzini (***S***) , 2 xona birlikda hisoblang.

a, ***b***, ***c*** tomonlari bo'lgan uchburchakning yuzini topish uchun Geron formulasidan foydalaning: $S = \sqrt{p \cdot (p - a) \cdot (p - b) \cdot (p - c)}$, bu yerda

p - yarim perimeter: $p = \frac{(a + b + c)}{2}$

Input: *x1; y1; x2; y2; x3; y3 .(Haqiqiy son)*
Output: ***P*** va ***S*** .

Input:	Output:
-9.7 -9.9 0.0 2.9 -0.1 5.2	36.26 11.79

Integer9

Berilgan ifodani hisoblang:

$$x = sin(a)$$

Input: *a; (Haqiqiy son)*
Output: natijani chiqaring.

Input:	Output:
-0.5	-0.479425538604203

Integer10

Berilgan ifodani hisoblang:

$$x = cos(a)$$

Input: *a; (Haqiqiy son)*
Output: natijani chiqaring.

Input:	Output:
0.5	0.8775825618903728