Integer01.

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

Input: *a, b*. (*0<a<1000* va *0<b<1000*)
Output: Natijani chiqaring.

Input:	**Output:**
2 3	2.0
8 5	5.656854249492381

Integer02.

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

Input: *a; b* . (*0<a<1000* va *0<b<1000*)
Output: natijani chiqaring.

Input:	**Output**:
4 9	1.7777777777777

Integer03.

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

Input: *a* (*integer*).
Output: Natijani chiqaring.

Input:	**Output:**
231	132
765	567

Integer04.

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* (integer).
Output: Natijani chiqaring.

Input:	**Output:**
345	435
123	213
555	555

Integer05.

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

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

Input: *a, b* (*0<a<1000* va *0<b<1000*).
Output: Natijani chiqaring.

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

Integer06.

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

Input: *r, n, a, b* (0<*r*<1000, 0<*n*<1000, 0<*a*<1000 va 0<*b*<1000)
Output: Natijani chiqaring.

Input:	**Output:**
3 2 4 5	0.1656847439876

Integer07.

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

Integer08.

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

Integer09.

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

Integer11.

Ikki xonali butun son berilgan. Uning raqamlari yig'indisi va raqamlari ko'paytmasini toping.

Input: *a* (*integer*).
Output: Natijani toping.

Input:	Output:
23	5 6
21	3 2
81	9 8
10	1 0

Integer12.

Berilgan ifodaning natijasini chiqaring. $\mathbf{2(n+3)}^2$
(**pow** funksiyasidan foydalaning)

Input: *n* (*integer*).
Output: Natijani toping.

Input:	Output:
12	450

Integer13.

Berilgan ifodaning natijasini chiqaring. $\left(\frac{3+n}{2}\right)^2$
(**pow** funksiyasidan foydalaning)

Input: *n* (*integer*).
Output: Natijani toping.

Input:	**Output:**
5	16.0

Integer14.

Berilgan ifodaning natijasini chiqaring. n^x**+**6^x
(**pow( )** funksiyasidan foydalaning)

Input: *n, x* (*integer*).
Output: Natijani toping.

Input:	Output:
4 2	52

Integer15.

Berilgan sonning (absolyut) qiymatini toping.
(**abs( )** funksiyasidan foydalaning)

Input: *a* (*integer*).
Output: Natijani toping.

Input:	Output:
-8	8
-56	56
-45	45

Integer16.

m sonni berilgan 2 xona birlikda yaxlitlang.
(**round ( )** funksiyasidan foydalaning)

Input: *m* (*Haqiqiy*).
Output: Natijani toping.

Input:	Output:
3.456	3.46
5.678	5.68
7.5	7.5

Integer17.

Berilgan ifodaning natijasini chiqaring.
(**pow( )** funksiyasidan foydalaning)

$$x^4 + 5x^2 + x^3y$$

Input: *x, y* (*integer*).
Output: Natijani toping.

Input:	Output:
2 3	60

Integer18.

Berilgan ifodaning natijasini chiqaring.
(**pow( )** funksiyasidan foydalaning)

$$6x^3y^5 + 4x^4y^3 - 24xy$$

Input: *x, y* (*integer*).
Output: Natijani toping.

Input:	Output:
2 3	13248

Integer19.

Uch xonali ***a*** butun son berilgan. Uning raqamlari yig'indisi va raqamlari ko'paytmasini toping.

Input: *a* (*integer*).
Output: Natijani toping.

Input:	Output:
230	5 0
241	7 8

Integer20

Berilgan ifodani hisoblang: $(1\frac{2}{3} - 3\frac{1}{4})$

Natijani absolyut qiymatini toping. (***abs ( )*** funksiyasidan foydalaning)

Input:
Output: Natijani toping.

Input:	Output:
	1.5833333333333333