**1**.

a = int(input("input first side "))  
b = int(input("input second side "))  
c = ((a\*\*2) + (b\*\*2))  
print((c\*\*0.5))

**2**.

a = int(input('input number ' ))  
print(a // 10 % 10)

**3**.

n = int(input('input number '))  
print(2\*round((n+1)/2))

**4.**

from datetime import datetime, timedelta  
dt = datetime.strptime('09:00', '%H:%M')  
n = int(input())  
class\_hour=45\*n  
break\_5\_min=5\*(n//2)  
break\_15\_min=15\*(n//3)  
min=class\_hour+break\_5\_min+break\_15\_min  
result\_1 = dt + timedelta(minutes=min)  
print(result\_1.strftime('%I:%M'))

**5.**

a = int(input('input first num '))  
b = int(input('input second num '))  
if a>b:  
 print(1)  
if a<b:  
 print(2)  
else:  
 print(0)

**6.**

a = int(input('input first num '))  
b = int(input('input second num '))  
c = int(input('input third num '))  
if a>b:  
 print(a)  
if b>c:  
 print(b)  
else:  
 print(c)

**7.**

a = int(input('input pos of lad '))  
b = int(input('input pos of lad '))  
c = int(input('input pos of ph '))  
d = int(input('input pos of ph '))  
if (b == d):  
 print('YES')  
else :  
 print('NO')

**8.**

a = int(input('input first side '))  
b = int(input('input second side '))  
c = int(input('input third side '))  
if a+b>c:  
 print('YES')  
else:  
 print('NO')

**9.**

a = int(input('input first number '))  
b = int(input('input second number '))  
c = int(input('input third number '))  
if a == b == c:  
 print('3')  
if a == b and b != c and a != c or a == c and a != b and c != b or b == c and b != a and c != a:  
 print('2')  
if a != b and a != c and c != b:  
 print('0')

**10.**

a = int(input('input first number '))  
b = int(input('input second number '))  
c = int(input('input third number '))  
if a > b:  
 a, b = b , a  
if b > c:  
 b, c = c, b  
if a > b:  
 a, b = b, a  
print(a, b, c)

**Доп. Задачи**

**1.**

a = int(input('input first number '))  
b = int(input('input second number '))  
c = int(input('input third number '))  
if (a\*a + b\*b == c\*c) or (a\*a + c\*c == b\*b) or (c\*c + b\*b == a\*a):  
 print("right")  
if (a\*a + b\*b < c\*c) or (a\*a + c\*c < b\*b) or (c\*c + b\*b < a\*a):  
 print("obtuse")  
if ((c\*c) < (a\*a) + (b\*b) or (b\*b) < (a\*a) + (c\*c) or (a\*a) < (b\*b) + (c\*c)):  
 print("acute")  
else:  
 print("impossible")

**2.**

a = float(input('Enter first number '))  
b = float(input('Enter second number '))  
c = float(input('Enter third number '))  
d = (b\*\*2) - (4\*a\*c)  
print(d)  
if d>0:  
 x1 = (-b + (d \*\* 0.5)) / (2 \* a)  
 x2 = (-b - (d \*\* 0.5)) / (2 \* a)  
 print(x1, x2)  
elif d == 0:  
 x = (-b)/(2\*a)  
 print(x)  
else:  
 print('no answer')

**3.**