

The best expecting score ✓

#3. ADITYA BAJAJ

1384 { 1641
955
1745
1563
~~1712~~ 1712
1666
1663

$$6.0 - 1.945 \approx \cancel{4.055} 4.055$$

$$\frac{1}{\left(1 + 10^{\frac{1641 - 1384}{400}}\right)} = 0.1855164125$$

$$\frac{1}{\left(1 + 10^{\frac{955 - 1384}{400}}\right)} = 0.9219774237$$

$$\frac{1}{\left(1 + 10^{\frac{1745 - 1384}{400}}\right)} = 0.1112453544$$

$$\frac{1}{\left(1 + 10^{\frac{1563 - 1384}{400}}\right)} = 0.2630052395$$

$\left(1 + 10^{\frac{1712-1384}{400}}\right)$	$= 0.131459$
$\frac{1}{\left(1 + 10^{\frac{1666-1384}{400}}\right)}$	$= 0.1647471677$
$\frac{1}{\left(1 + 10^{\frac{1663-1384}{400}}\right)}$	$= 0.1671373097$
$0.1855164125 + 0.9219774237 + 0.1112453544 + 0$	$= 1.945087908$
$6.0 - \boxed{1.945087908}$ <small>ans</small>	$= 4.054912093$

The worst expected score ✓
 # 25 LOREN SCHWEBERT

1745 { 1411
 1393
 1384
 1229
 1399
 1365

$$3.5 - \frac{6.276}{\cancel{6.276}} \approx -2.776$$

$$\frac{1}{\left(1 + 10^{\frac{1411 - 1745}{400}}\right)} = 0.8724346036$$

$$\frac{1}{\left(1 + 10^{\frac{1393 - 1745}{400}}\right)} = 0.8835282881$$

$$\frac{1}{\left(1 + 10^{\frac{1384 - 1745}{400}}\right)} = 0.8887546456$$

$$\frac{1}{\left(1 + 10^{\frac{1229 - 1745}{400}}\right)} = 0.9512158141$$

$\left(1 + 10^{\frac{1399-1745}{400}}\right)$	$= 0.879926688$
$\frac{1}{\left(1 + 10^{\frac{1365-1745}{400}}\right)}$	$= 0.8991173716$
$\frac{1}{\left(1 + 10^{\frac{1362-1745}{400}}\right)}$	$= 0.900673036$
$0.8724346036 + 0.8835282881 + 0.8887546456 + 0$	$= 6.275650447$
$3.5 - \text{ans}$	$= -2.775650447$