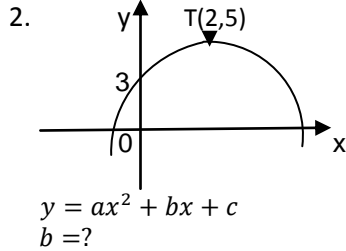


ÖRNEK SORULAR:

1. $\frac{X^2-x-2}{X^3+2X^2+X} \cdot \frac{X^3-X}{X^2-5X+6} = ?$

- a) $\frac{X+1}{X-3}$ b) $\frac{X-1}{X-3}$ c) $\frac{X-2}{X-3}$ d) $\frac{X}{X-3}$ e) $\frac{X-1}{X+1}$

Cevap: b



- a) -2 b) -1 c) $\frac{1}{2}$ d) 1 e) 2

Cevap: e

3. $\lim_{x \rightarrow 8} \frac{\sqrt[3]{x}-2}{\sqrt{x}-2\sqrt{2}} = ?$

- a) $\frac{\sqrt{2}}{8}$ b) $\frac{\sqrt{2}}{4}$ c) $\frac{\sqrt{2}}{3}$ d) $\frac{\sqrt{2}}{2}$ e) $\sqrt{2}$

Cevap: c

4. $\sum_{n=0}^{\infty} \frac{1+3^n}{5^n} = ?$

- a) $\frac{4}{7}$ b) $\frac{5}{2}$ c) $\frac{15}{2}$ d) $\frac{15}{4}$ e) 5

Cevap: d

5. $\frac{\sin x + 2\cos x}{3\sin x + \cos x} = \frac{11}{13}$

$\cos 2x = ?$

- a) $\frac{7}{25}$ b) $\frac{9}{16}$ c) $\frac{16}{25}$ d) $\frac{9}{25}$ e) 1

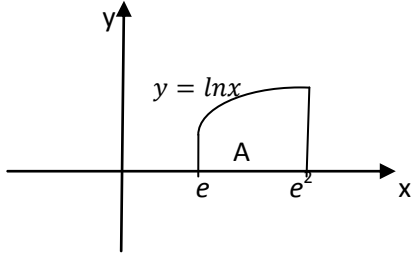
Cevap: a

6. $\frac{a}{b} = \frac{c}{d} = \frac{e}{f} = \frac{1}{3}$
 $3a - 2c + 4e = 7$
 $3b + 4f = 17$
 $d = ?$

- a) -5 b) -2 c) 1 d) 10 e) 17

Cevap: b

7.



$y = \ln x, \quad x = e, \quad x = e^2 \Rightarrow A = ?$

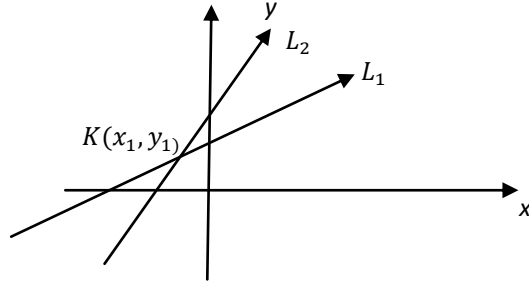
- a) $2e^2$ b) e^2 c) e d) $2e$ e) $1 + e$

Cevap: b

8. $L_1: x - 2y + 3 = 0$

$L_2: 3x - y + 4 = 0$

$L_1 \cap L_2 = K(x_1, y_1) \Rightarrow x_1 + y_1 = ?$



- a) -2 b) $-\frac{3}{2}$ c) 0 d) 1 e) $\frac{3}{2}$

Cevap: c

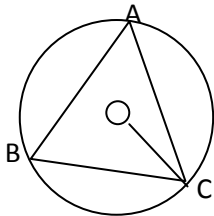
9.	<u>I.</u>	<u>II.</u>
	28763	ULBKR
	31920	ACBKE
	04769	REMBK
	05927	EMRAU
	93176	USRAB

ise, 28764 = ?

- a) ABULC b) ACBKL c) ALKBC d) ACALK e) EUKBK

Cevap: b

10. $m(\widehat{BCO}) = 40^\circ$
 $m(\widehat{BAC}) = ?$



- a) 35 b) 40 c) 45 d) 50 e) 55

Cevap: d

11.

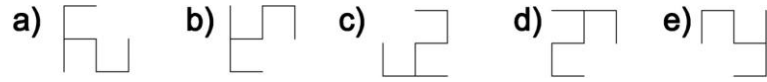
	1	2	3
4	4	8	P
5	5	R	15
6	5	12	13

Yukarıdaki tabloda sayılar belirli bir kurala göre yazılmıştır.
Buna göre, $P + R = ?$

In the table above the numbers are written accordingly to a rule.
Accordingly, $P + R = ?$









- a) 0 b) 10 c) 16 d) 20 e) 22

12. Aşağıdaki şekillerden hangisi farklıdır?
Which one of the following figures is different?

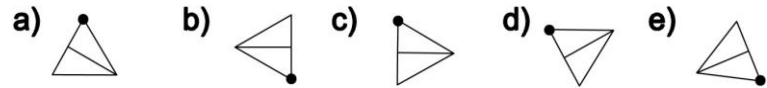


Cevap: b

13.

		
		?
		

Soru işareti "?" olan yere aşağıdakilerden hangisi gelmelidir?
Which one of the following shapes does the question mark stand for?



Cevap: d