

$$33 - z = 28$$

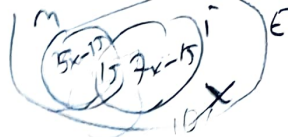
$$33 - x = 29$$

$$33 - y = 30$$

$$99 - (x + y + z) = 29 \cdot 3 - 87$$

$$12 = x + y + z$$

2 - materiali 5x
ingilizce 7x
hıclı 10x



$$x + 5x - 15 + 7x - 15 + 15 = 10x$$

$$13x - 30 = 10x$$

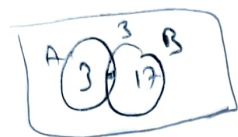
$$3x = 30$$

$$x = 10$$

$$5x + 15 + 7x - 15 = 12x$$

$$x = 30$$

3-



$$3 + a = A$$

$$17 + a = B$$

$$17 + a = 3(3 + a)$$

$$17 + a = 9 + 3a$$

$$a = 4$$

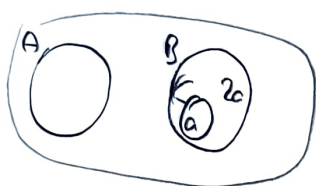
$$s(A \cup B)$$

$$= 3 + a + 17$$

$$= 3 + 4 + 17$$

$$= 24$$

4-



$$s(B) = 3s(A)$$

$$C = a$$

$$3 + 3a = 15$$

$$B = 3a$$

$$3(1 + a) = 15$$

$$s(C) = 4$$

$$a = 4$$

$$11- a) [s(K \cap L) \cup (L \cap M)] / (K \cap L \cap M)$$

$$b) (A \cap C) \setminus (A \cap B \cap C)$$

$$c) (A \cap B) \setminus (A \cap B \cap C)$$

$$5- a + b = 16$$

$$b + c = 16$$

$$c + d = 18$$

$$a + d = ?$$

$$a + 2b + 2c + d = 68$$

$$a + d = 20$$

$$6- 436 \quad 5 + e = 2$$

35 ortak

$$\begin{array}{r} 436 \overline{) 35} \\ 15 \overline{) 12} \\ \hline 86 \overline{) 30} \\ \hline 15 \end{array}$$

$$\underline{\underline{12 \text{ tane}}}$$



$$a + b + c = 33$$

$$c = 19$$

	M	F	
K	8	12	20
E	6	7	13
	16		

2 kişi

$$8- \frac{\text{Kirmizi}}{4} \frac{\text{Beyaz}}{y} \frac{\text{Mavi}}{2} \quad x + y + z = 33$$

$$\text{Beyaz ve mavi olmayan} \quad y + x + y = 32$$

$$\text{Kirmizi ve beyaz olmayan} \quad x + x + z = 35$$

$$x + y + z = 33$$

$$3x + 2y + z = 62$$

$$x + y + z + 2x + y = 67$$

$$2x + y = 34$$

$$x + 2y = 32$$

$$2x + 2 = 35$$

$$x + 7y = 32$$

$$2x + y = 16$$

$$\begin{array}{r} -3x = -36 \\ x = 12 \end{array} \quad \begin{array}{r} y = 10 \\ z = 11 \end{array}$$