

1. mcm: $9=3 \cdot 3$ e $15=3 \cdot 5 \Rightarrow \text{mcm}=3 \cdot 3 \cdot 5=45$
2.
 - a. $45x^2-30x+64x = 45x^2+34x = x(45x+34)$
 - b. $3a/2 - 8a = -13a/2$
 - c. $23/15$
 - d. $0.157 + 0.213 + 1.73 + 0.642 = 2.742$ litri
3.
 - a. $24 - 24x - 36 = 6 - 20 + 28x$
 $-12 - 24x = -14 + 28x$
 $2 = 52x$
 $1/26 = x$
 - b. $90x - 20x + 70 = 48x + 55$
 $22x = -15$
 $x = -15/22$
4.
 - a. $AV = b - x$
 $BU = a - x$
 - b. $c = (b-x) + (a-x)$
 $c = b-x+a-x$
 $c = -2x+a+b$
 $2x = a+b-c$
 $x = (a+b-c) : 2$
5.
 - a. $1000/6200 = 10/62 = 5/31$
 0.161
 16.12%
 - b. $8/8 = 1000$ persone; $11/8 = 1375$; 375 persone
 - c. $381/540 = 127/180 = 0.705 = 70.5\%$
6.
 - a. $(3 \cdot 3.5 + 6 \cdot 4 + 7 \cdot 4.5 + 8 \cdot 5 + 4 \cdot 5.5 + 2 \cdot 6) = 140$ kg
 $140 : 30 \approx 4.67$ kg
 - b. $6/30 = 20\%$
 - c. $14/30 \approx 46.7\%$
7.
 - a. $2/11$
 - b. $1/11$
 - c. No. Possibilità dispari $5/11$. Possibilità pari $6/11$.
8. Tabella:
 - a. $6/24 = 1/4 = 25\%$
 - b. Max. 5 // Tot. 34

Tetra / Dado	1	2	3	4	5	6
1	=	1	2	3	4	5
2	B	=	1	2	3	4
3	B	B	=	1	2	3
4	B	B	B	=	1	2