

1. Pojednostavi izraze:



a) 3 + 5 = (___ + ___) = ___

b) 17 - 9 = (___ - ___) = ___

c) 11 + 10 - 8 = (___ + ___ - ___) = ___

d) 25 + 6 + 14 = (___ + ___ + ___) = ___

e) + + + + = (___ + ___ + ___ + ___ + ___) = ___

f) + 2 + 3 = (___ + ___ + ___) = ___

2. Pojednostavi izraze:



a) $3x + 5x + 6x = (\text{___} + \text{___} + \text{___}) x = \text{___} x$

b) $32a + 8a = (\text{___} + \text{___}) a = \text{___} a$

c) $15b - 8b = (\text{___} - \text{___}) b = \text{___} b$

d) $43k - 10k - k = (\text{___} - \text{___} - \text{___}) k = \text{___} k$

e) $7i + 9i - 6i - 10i = (\text{___} + \text{___} - \text{___} - \text{___}) i = \text{___} i$

f) $d + d + d + d + d = (\text{___} + \text{___} + \text{___} + \text{___} + \text{___}) d = \text{___} d$

g) $100y - 20y - 10y - y = (\text{___} + \text{___} - \text{___} - \text{___}) i = \text{___} i$

3. Pojednostavi izraze:



a) $3 \text{ 🍏} + 7 \text{ 🍏} + 5 \text{ 🥔} + 4 \text{ 🥔} =$
 $= (\text{ } + \text{ }) \text{ 🍏} + (\text{ } + \text{ }) \text{ 🥔} = \text{ } \text{ 🍏} + \text{ } \text{ 🥔}$

b) $17 \text{ 🍐} + 9 \text{ 🍌} - 9 \text{ 🍐} + 2 \text{ 🍌} =$
 $= (\text{ } - \text{ }) \text{ 🍐} + (\text{ } + \text{ }) \text{ 🍌} = \text{ } \text{ 🍐} + \text{ } \text{ 🍌}$

c) $11 \text{ 🥕} + 10 \text{ 🥕} - \text{ 🥕} + 8 \text{ 🥬} - \text{ 🥬} =$
 $= (\text{ } + \text{ } - \text{ }) \text{ 🥕} + (\text{ } - \text{ }) \text{ 🥬} = \text{ } \text{ 🥕} + \text{ } \text{ 🥬}$

d) $25 \text{ ☀️} + 6 \text{ ❄️} - 14 \text{ ☀️} + 4 \text{ ❄️} + \text{ ☀️} =$
 $= (\text{ } - \text{ } + \text{ }) \text{ ☀️} + (\text{ } + \text{ }) \text{ ❄️} = \text{ } \text{ ☀️} + \text{ } \text{ ❄️}$

e) $\text{ ❄️} + \text{ 🌸} + \text{ ❄️} + \text{ 🌸} + \text{ ❄️} =$
 $= (\text{ } + \text{ } + \text{ }) \text{ ❄️} + (\text{ } + \text{ }) \text{ 🌸} = \text{ } \text{ ❄️} + \text{ } \text{ 🌸}$

4. Pojednostavi izraze:



a) $3x + 5x + 6y + 7y = (\text{ } + \text{ })x + (\text{ } + \text{ })y = \text{ }x + \text{ }y$

b) $32a + 8a + 14b - b = (\text{ } + \text{ })a + (\text{ } - \text{ })b = \text{ }a + \text{ }b$

c) $15k + 12m - m - 2m = \text{ }k + (\text{ } - \text{ } - \text{ })m = \text{ }k + \text{ }m$

d) $u + v + u - v = (\text{ } + \text{ })u + (\text{ } - \text{ })v = \text{ }u + \text{ }v = \text{ }u$