

# Terme und Variablen (II) – Lösungen

## Terme in der Geometrie:

1a)  $4x$

1b)  $2x + 2y$

1c)  $2x + y$

1d)  $2a + 2b + c + d$

1e)  $a + b + c + d$

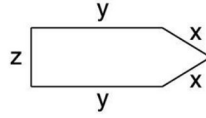
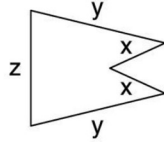
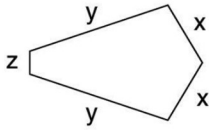
2a) gleichschenkliges Dreieck

2b) Rechteck/Parallelogramm

2c) Quadrat/Rhombus

2d) Viereck (allg.)

3) z.B.:



## Terme aufstellen:

1a)  $0,30 \text{ €} \cdot x$

1b)  $3,60 \text{ €}$

2a)  $3 \text{ €} \cdot x$

2b)  $7,5 \text{ €}$

3a)  $0,2 \text{ €} \cdot x + 10 \text{ €}$

3b)  $40 \cdot 0,2 \text{ €} + 10 \text{ €} = 18 \text{ €}$

4a)  $12x$

4b)  $4x + 4y + 4z$

5\*a)  $1 \text{ €} + 1,10 \text{ €} \cdot 4$

5\*b)  $2 \cdot 9 \text{ €} + 4 \cdot 1,10 \text{ €} = 22,40 \text{ €}$

## Wiederholung – Terme ordnen:

Beispiel:

$$\boxed{\begin{array}{c} \star \star \\ \star \end{array}} + \boxed{\triangle} + \boxed{\begin{array}{c} \text{C} \text{C} \text{C} \\ \text{C} \text{C} \text{C} \end{array}} + \boxed{\begin{array}{c} \triangle \triangle \triangle \\ \triangle \triangle \end{array}} + \boxed{\text{C} \text{C} \text{C} \text{C}} + \boxed{\begin{array}{c} \odot \odot \odot \odot \\ \odot \odot \odot \odot \end{array}}$$


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$$2 \star + 1 \triangle + 5 \text{C} + 3 \odot + 4 \odot$$

①

$$\boxed{\begin{array}{c} \star \star \star \star \\ \star \end{array}} + \boxed{\triangle \triangle} + \boxed{\text{C} \text{C} \text{C} \text{C} \text{C} \text{C}} + \boxed{\star \star \star} + \boxed{\text{C} \text{C} \text{C} \text{C} \text{C} \text{C} \text{C}}$$


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$$4 \star + 3 \star + 2 \triangle + 5 \text{C} + 7 \text{C}$$

②

$$\boxed{\begin{array}{c} \star \star \star \star \\ \star \end{array}} + \boxed{\begin{array}{c} \triangle \triangle \\ \triangle \triangle \end{array}} + \boxed{\odot \odot \odot} + \boxed{\begin{array}{c} \triangle \triangle \triangle \\ \triangle \triangle \end{array}} + \boxed{\star}$$


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$$5 \star + 1 \star + 4 \triangle + 5 \triangle + 3 \odot$$

③

$$\boxed{\begin{array}{c} \triangle \triangle \triangle \\ \triangle \triangle \triangle \end{array}} + \boxed{\text{C} \text{C} \text{C} \text{C}} + \boxed{\odot \odot \odot \odot} + \boxed{\begin{array}{c} \text{C} \text{C} \text{C} \text{C} \\ \text{C} \text{C} \text{C} \end{array}} + \boxed{\begin{array}{c} \odot \odot \odot \odot \\ \odot \odot \odot \odot \end{array}}$$


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$$6 \triangle + 4 \text{C} + 7 \text{C} + 4 \odot + 5 \odot$$

④

$$\boxed{\begin{array}{c} \star \star \\ \star \end{array}} + \boxed{\begin{array}{c} \triangle \triangle \triangle \\ \triangle \triangle \triangle \end{array}} + \boxed{\begin{array}{c} \text{C} \text{C} \text{C} \\ \text{C} \text{C} \text{C} \end{array}} + \boxed{\begin{array}{c} \triangle \\ \triangle \triangle \end{array}} + \boxed{\begin{array}{c} \odot \odot \odot \odot \\ \odot \odot \odot \odot \end{array}} + \boxed{\text{C} \text{C} \text{C}}$$


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$$3 \star + 6 \triangle + 3 \triangle + 6 \text{C} + 3 \text{C} + 6 \odot$$

⑤

$$\boxed{\begin{array}{c} \triangle \triangle \triangle \triangle \\ \triangle \triangle \triangle \end{array}} + \boxed{\text{C} \text{C}} + \boxed{\begin{array}{c} \odot \odot \odot \odot \odot \odot \\ \odot \odot \odot \odot \odot \odot \end{array}} + \boxed{\begin{array}{c} \text{C} \text{C} \text{C} \text{C} \text{C} \\ \text{C} \text{C} \text{C} \end{array}} + \boxed{\begin{array}{c} \text{C} \text{C} \\ \text{C} \text{C} \text{C} \end{array}}$$


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$$7 \triangle + 2 \text{C} + 8 \text{C} + 5 \text{C} + 9 \odot$$