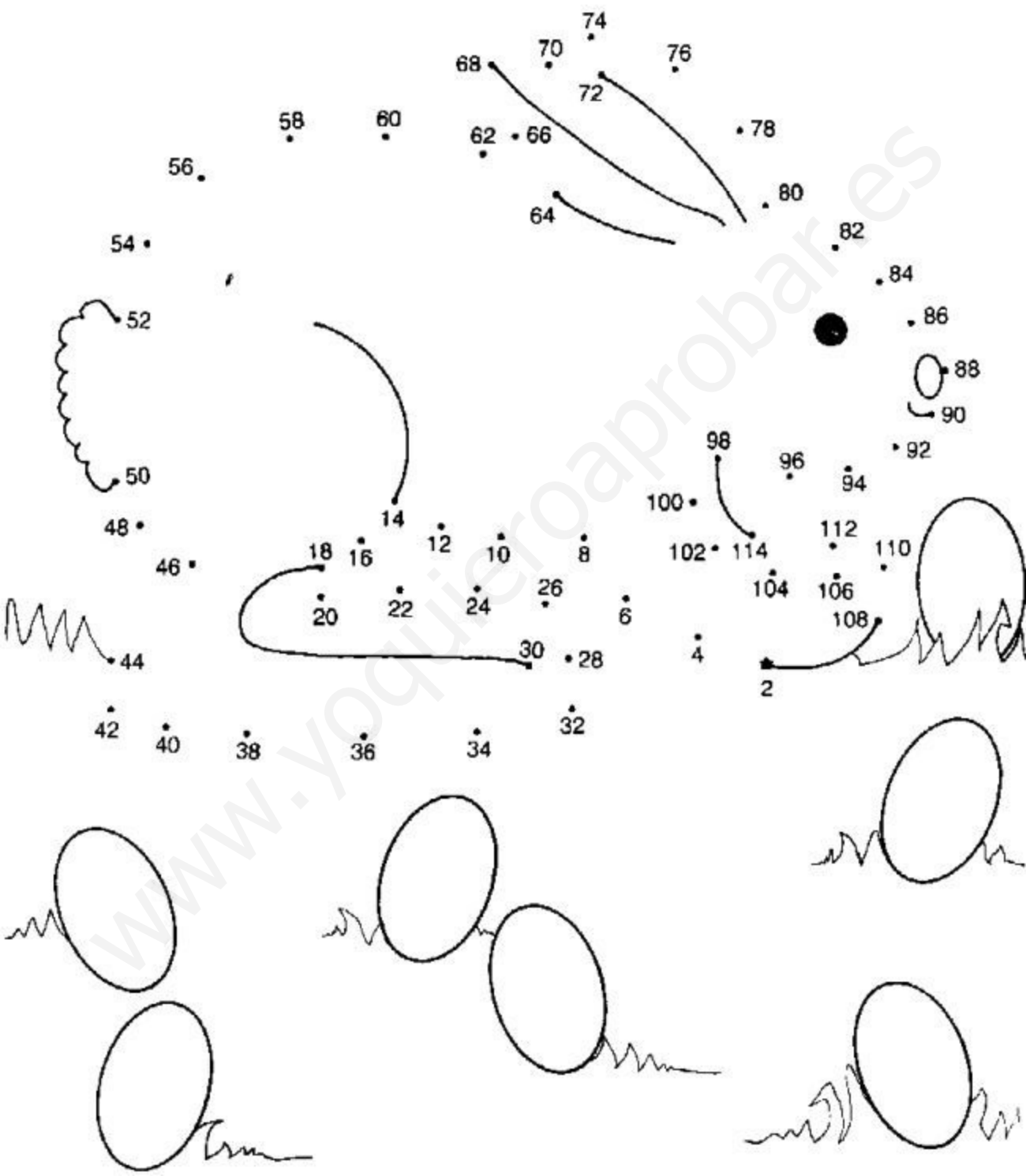
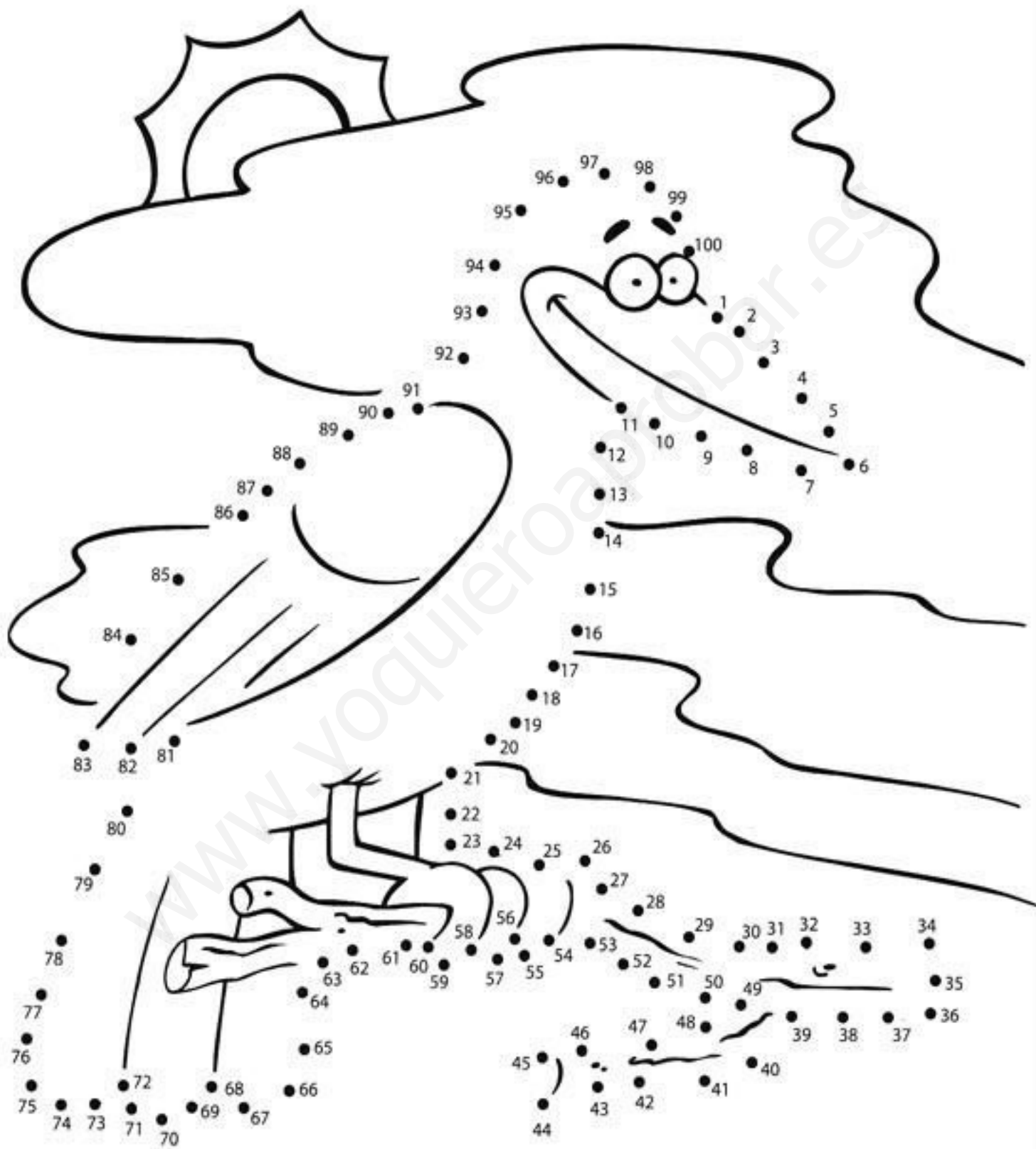
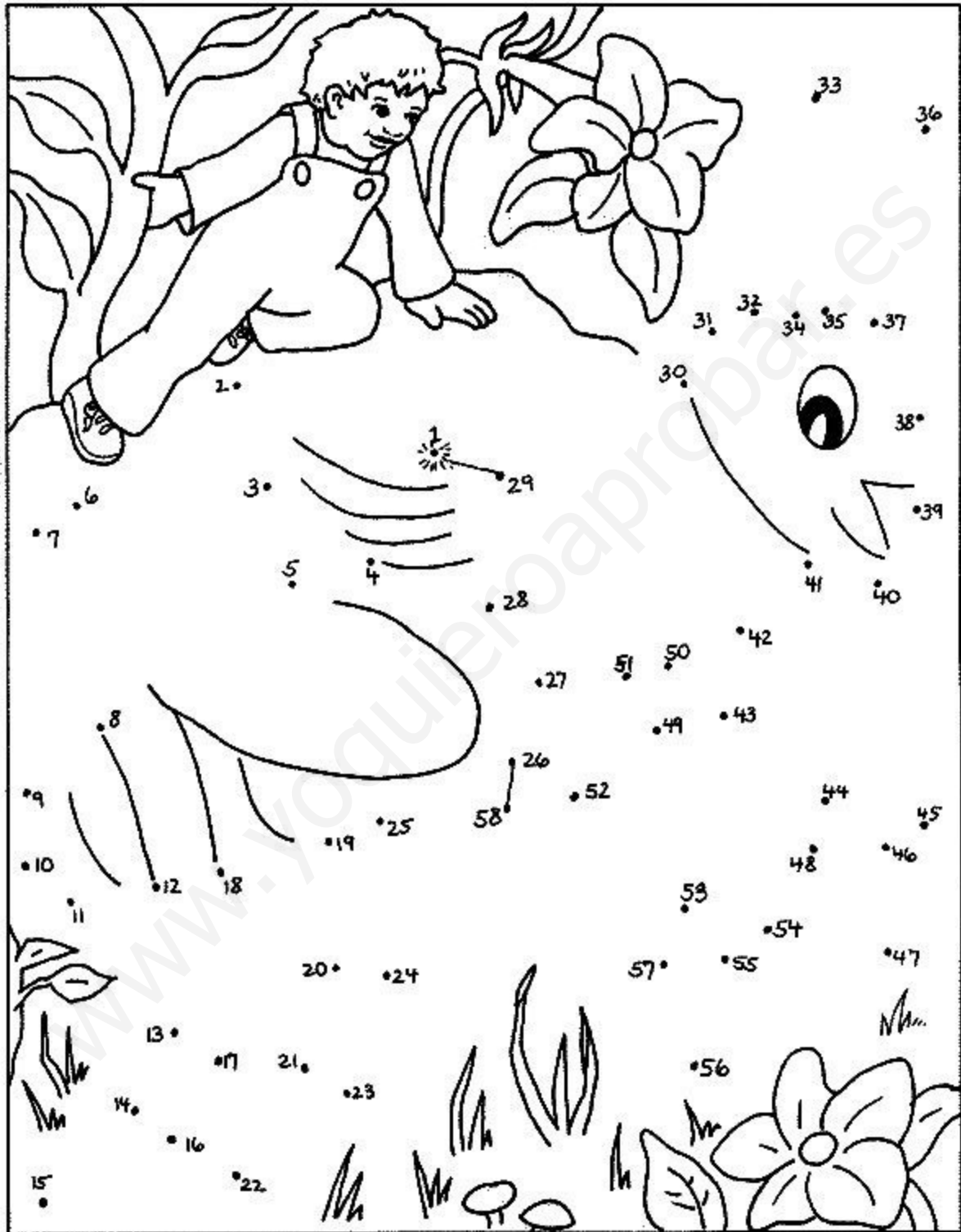


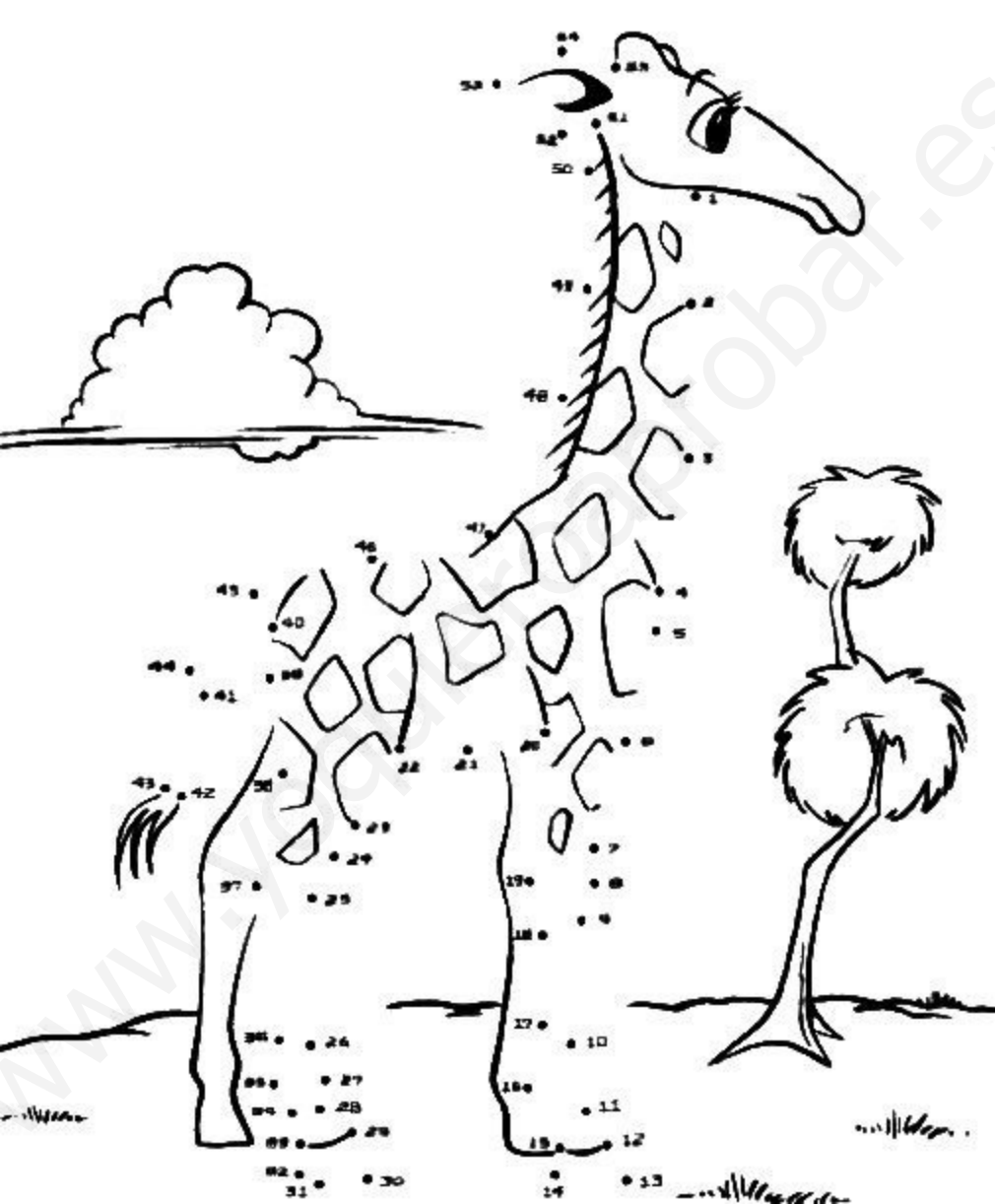
# Connect the dots. Count by 2's

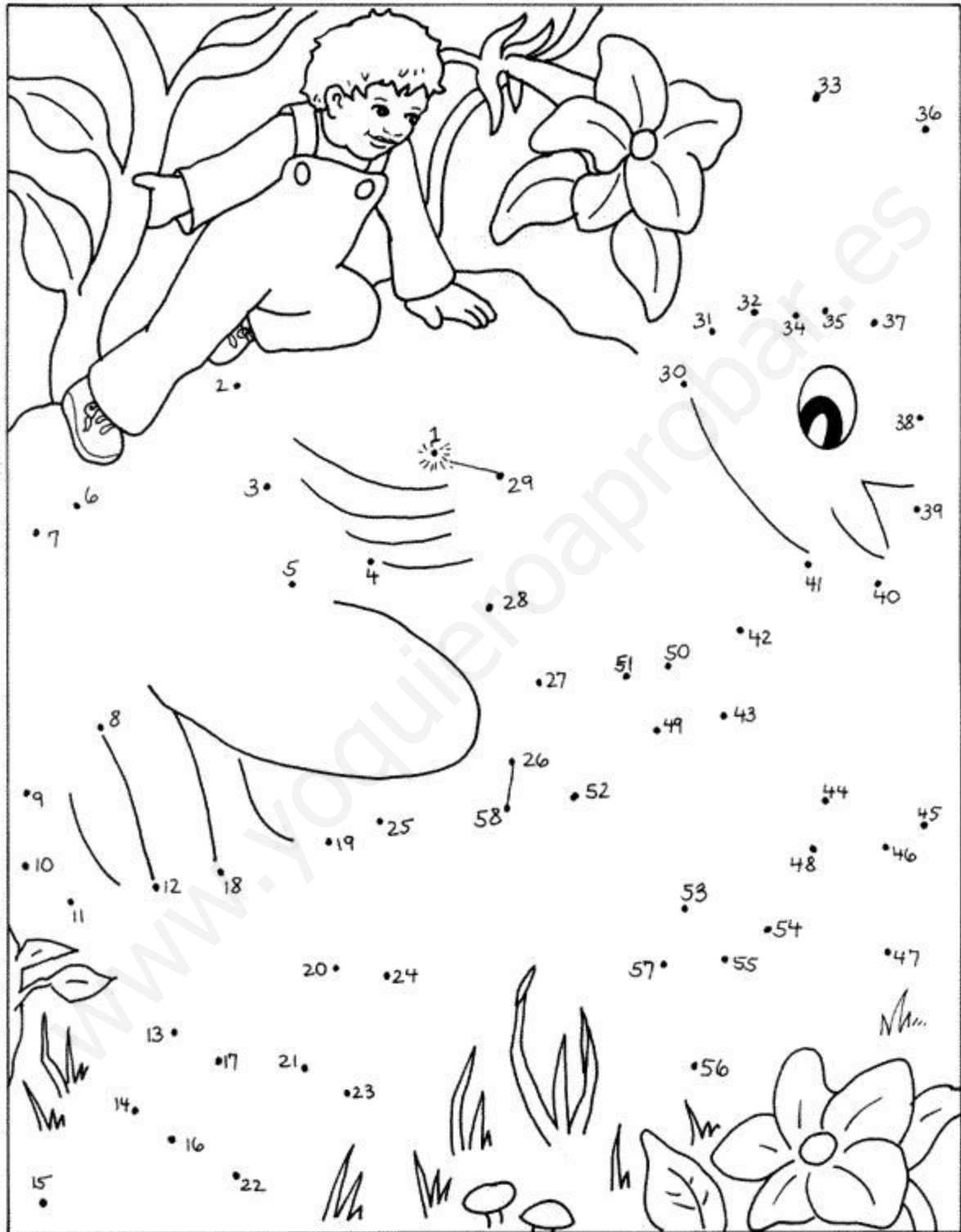




















IES JAROSO

MATEMÁTICAS  
Examen 1ª Evaluación



Junta de Andalucía  
Estrategia de Educación y Empleo

~~11/9/19~~

Fecha: 14/12/2018 Curso: 1º Bach B

Nombre: Ana Paeza Paeza

2,11

1.- (2 puntos) Realiza las siguientes operaciones y simplifica:

a)  $\frac{x^3+4x^2-x-4}{x+4} - \frac{x^3-5x^2+3x+9}{x-3}$  (Antes de hacer la operación, simplifica cada fracción algebraica)

b)  $\frac{x+7}{3x} \cdot \left( \frac{1}{x+7} - \frac{1}{x-7} \right) =$

2.- (1 punto) Resuelve la siguiente ecuación irracional:

$$\sqrt{4x+9} - \sqrt{x+6} = 3$$

3.- (3 puntos) Resuelve las siguientes ecuaciones:

a) (1 punto)  $(3x^2 + 5x - 2) \cdot (4x^3 - 36x) = 0$

b) (1 punto)  $\frac{1}{x-5} - \frac{2}{x} = \frac{2-5x}{x^2-5x}$

c) (1 punto)  $6^{x-1} + 6^{x+1} - 6^x = \frac{31}{6}$

4.- (1 punto) Resuelve el siguiente sistema no lineal:

$$\begin{cases} x^2 + xy = 6 \\ y^2 + xy = -2 \end{cases}$$

5.- (1 punto) Halla el valor de "a" para que al hacer la división del polinomio  $5x^4 + ax^2 - 3x - 11$  entre  $x + 2$ , dé resto 5.

6.- (1 punto) Factoriza el siguiente polinomio e indica sus raíces:

a)  $2x^3 - 6x^2 - 4x + 12$

7.- (1 punto) Realiza la siguiente operación, racionalizando previamente:

$$\frac{3+2\sqrt{2}}{3-2\sqrt{2}} - \frac{1}{\sqrt{2}} =$$

¡¡SUERTE !!



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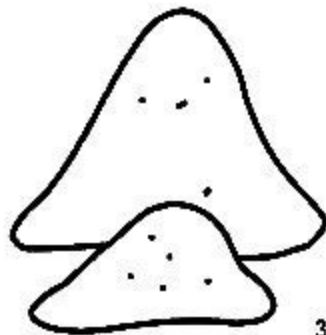
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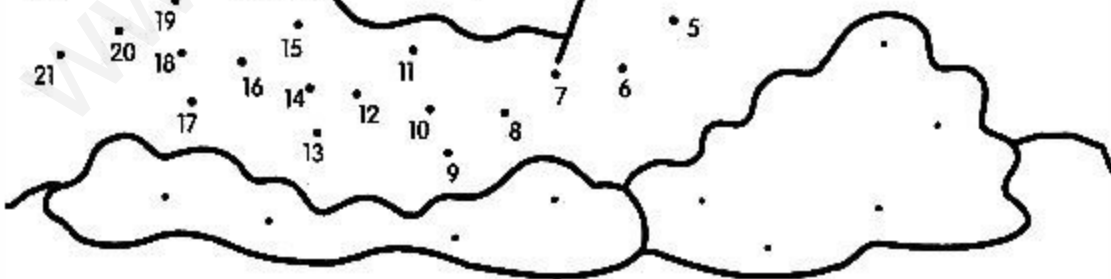
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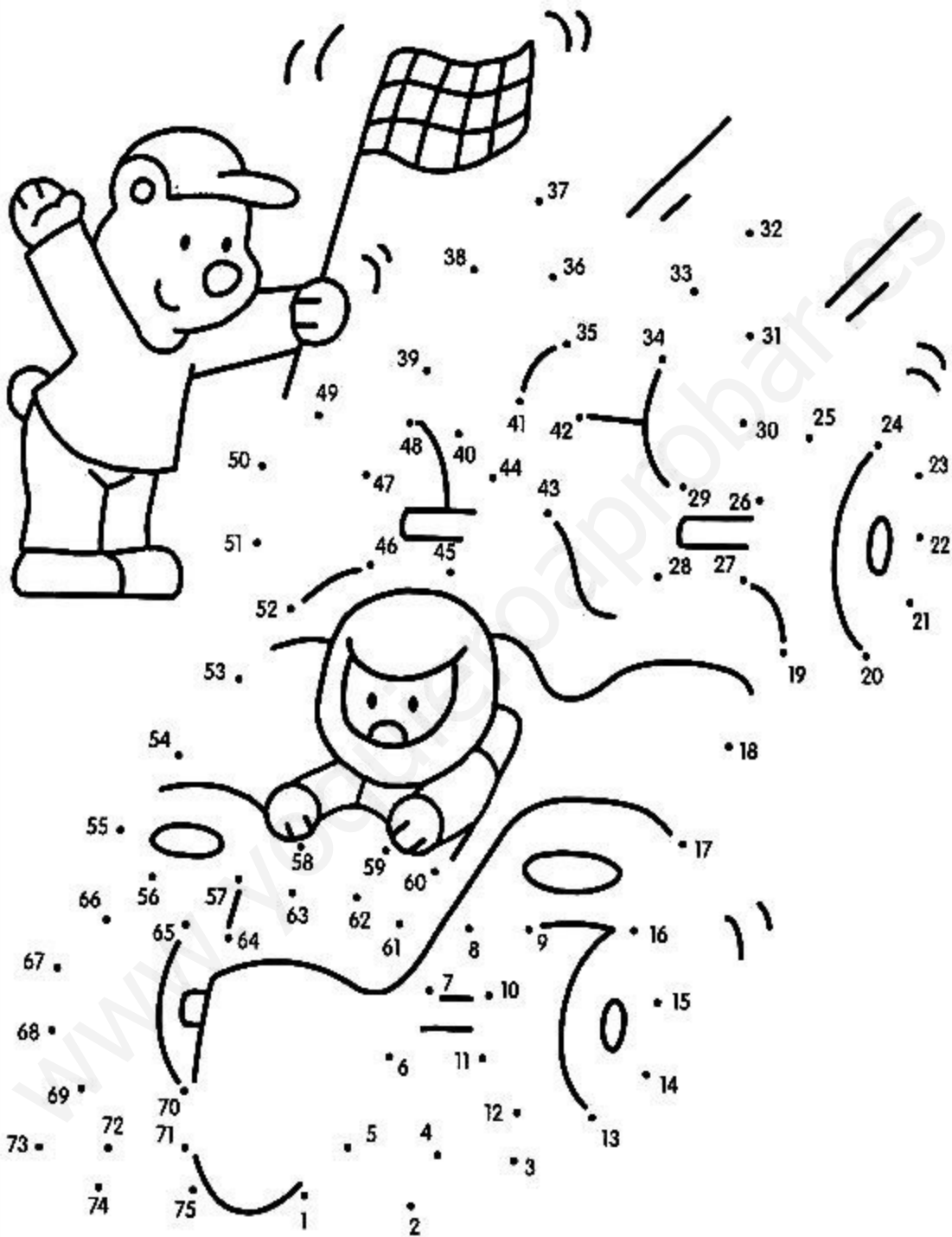
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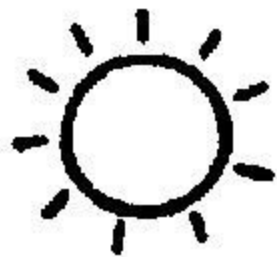


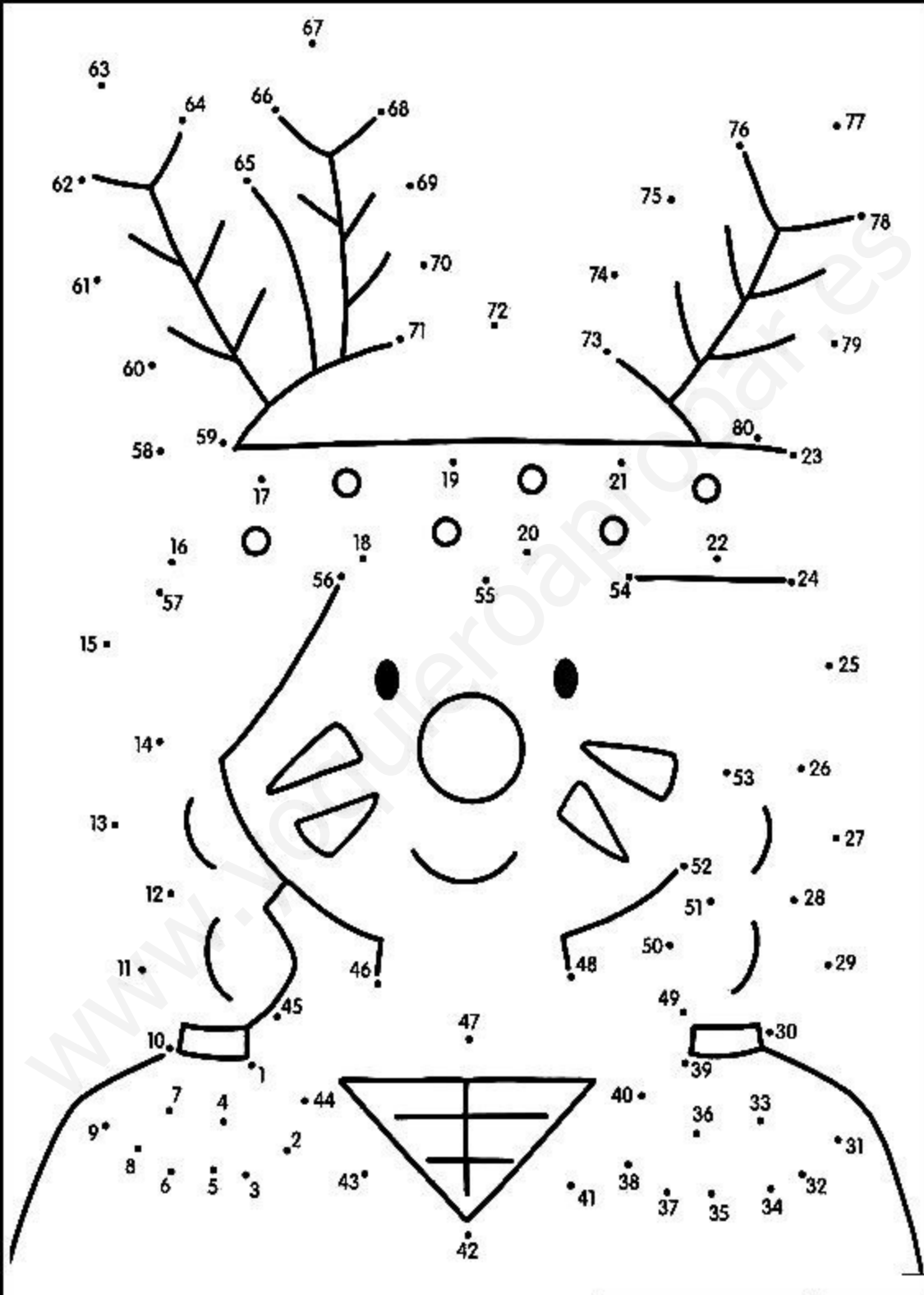






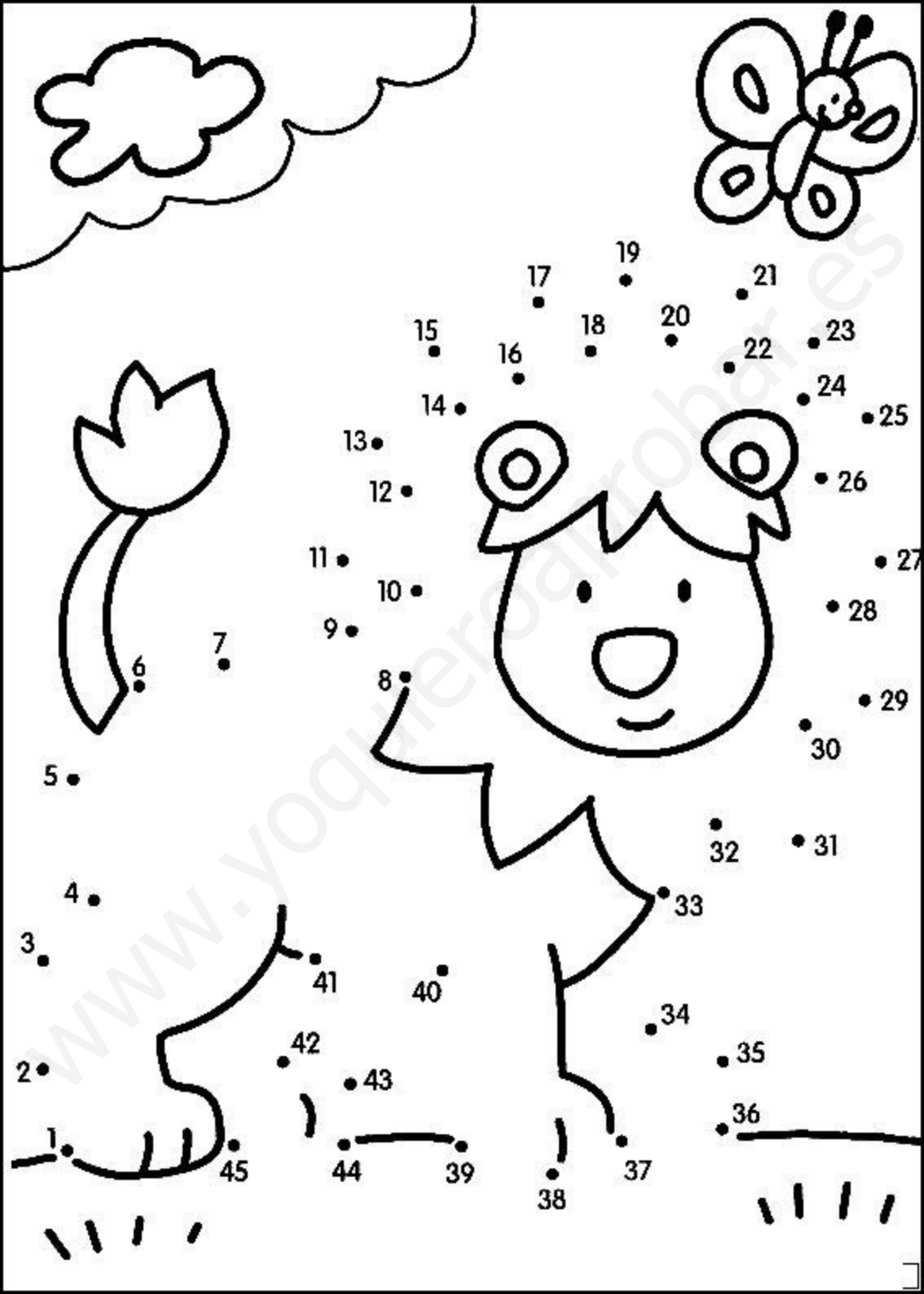
















LIGUE SOMENTE OS PONTOS PARES, E DESCUBRA UM ANIMALZINHO QUE É MEU AMIGÃO!



LIGANDO OS PONTOS PARES DESCUBRA O QUE O CEBOLINHA ESTÁ VENDO!

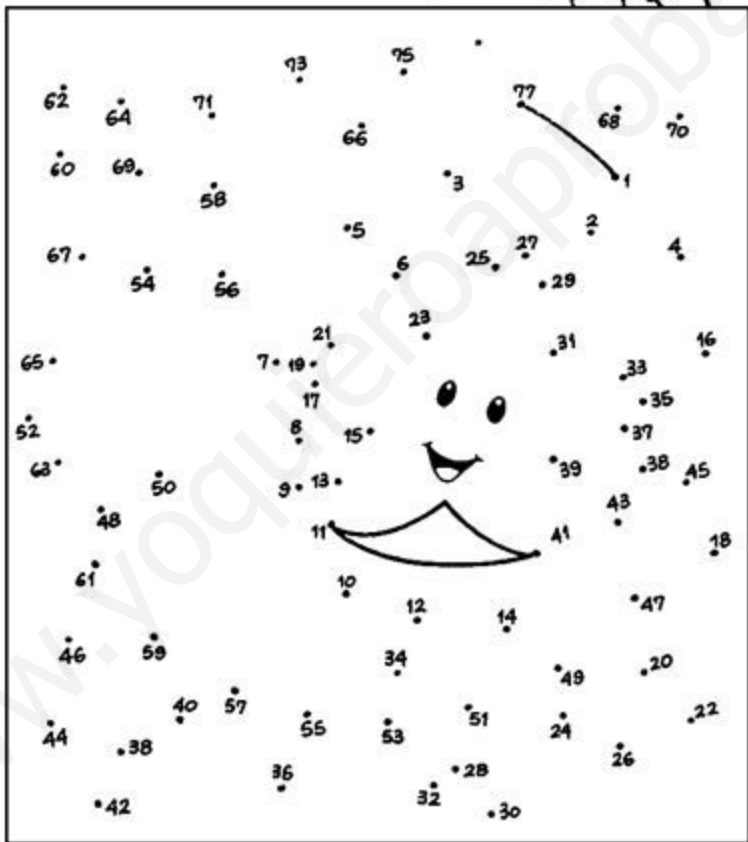




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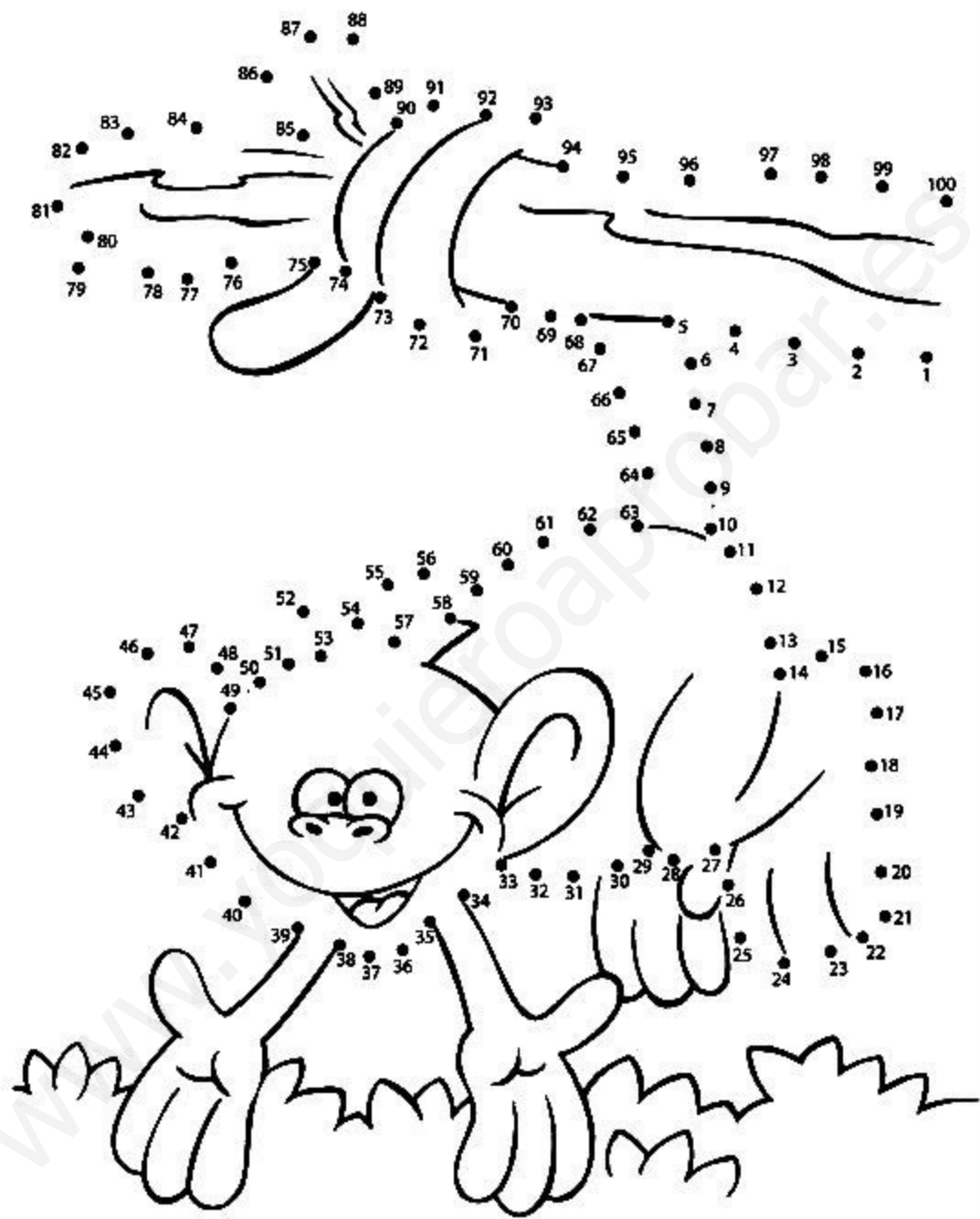


LIGUE APENAS OS PONTOS  
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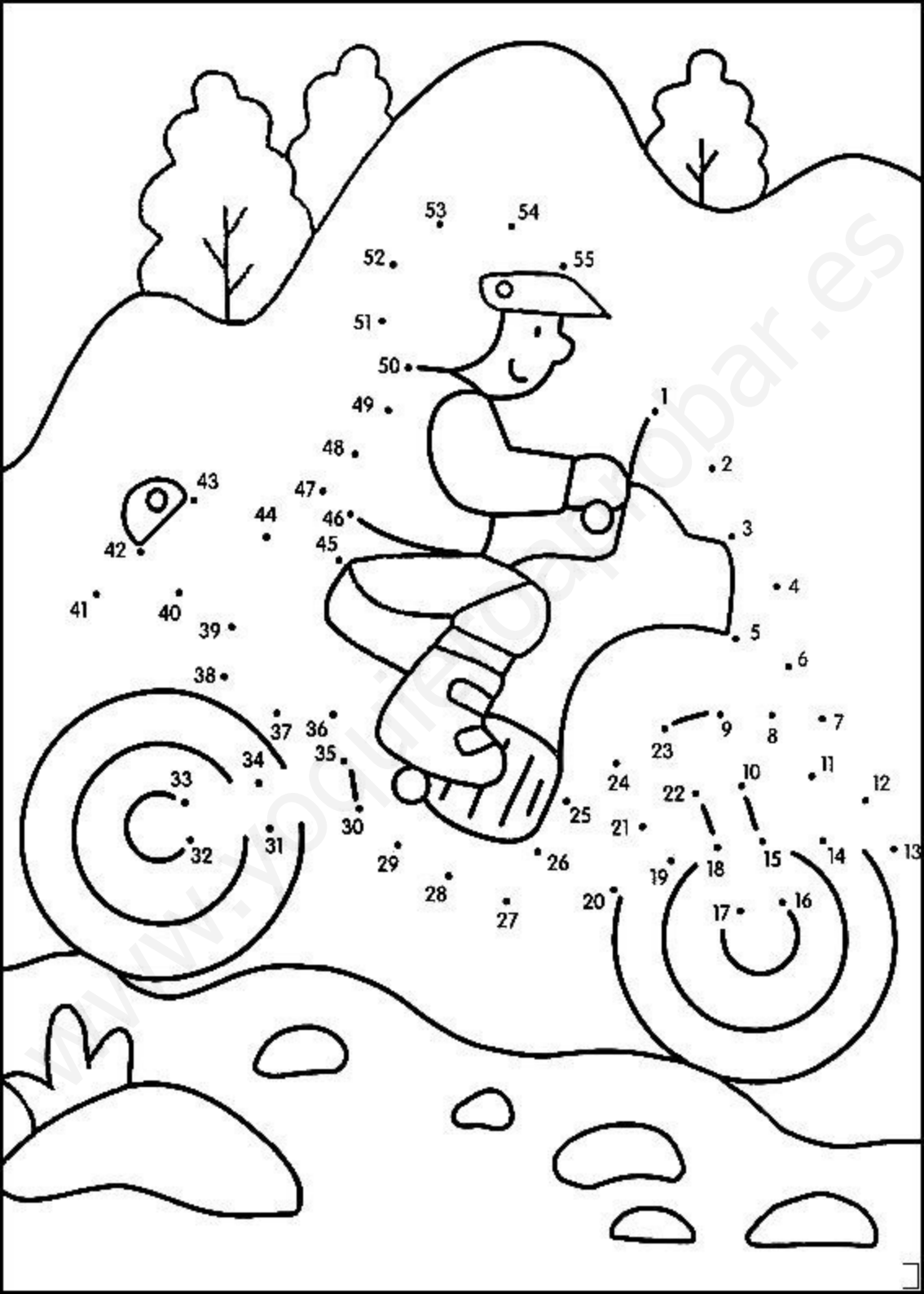












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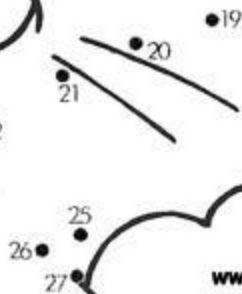
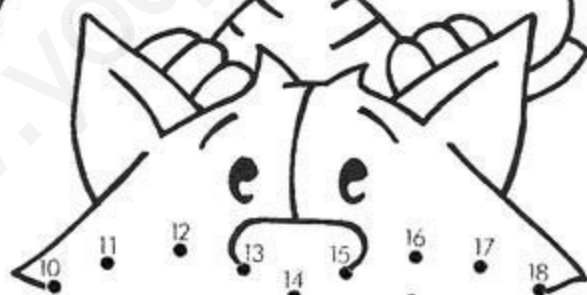
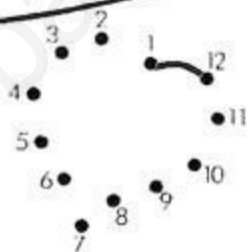
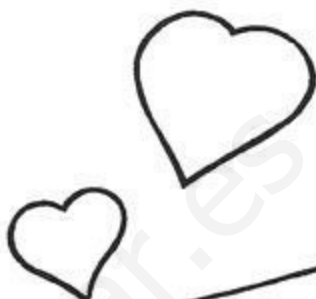
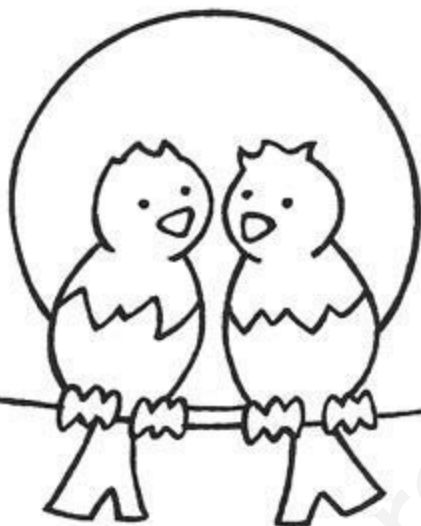
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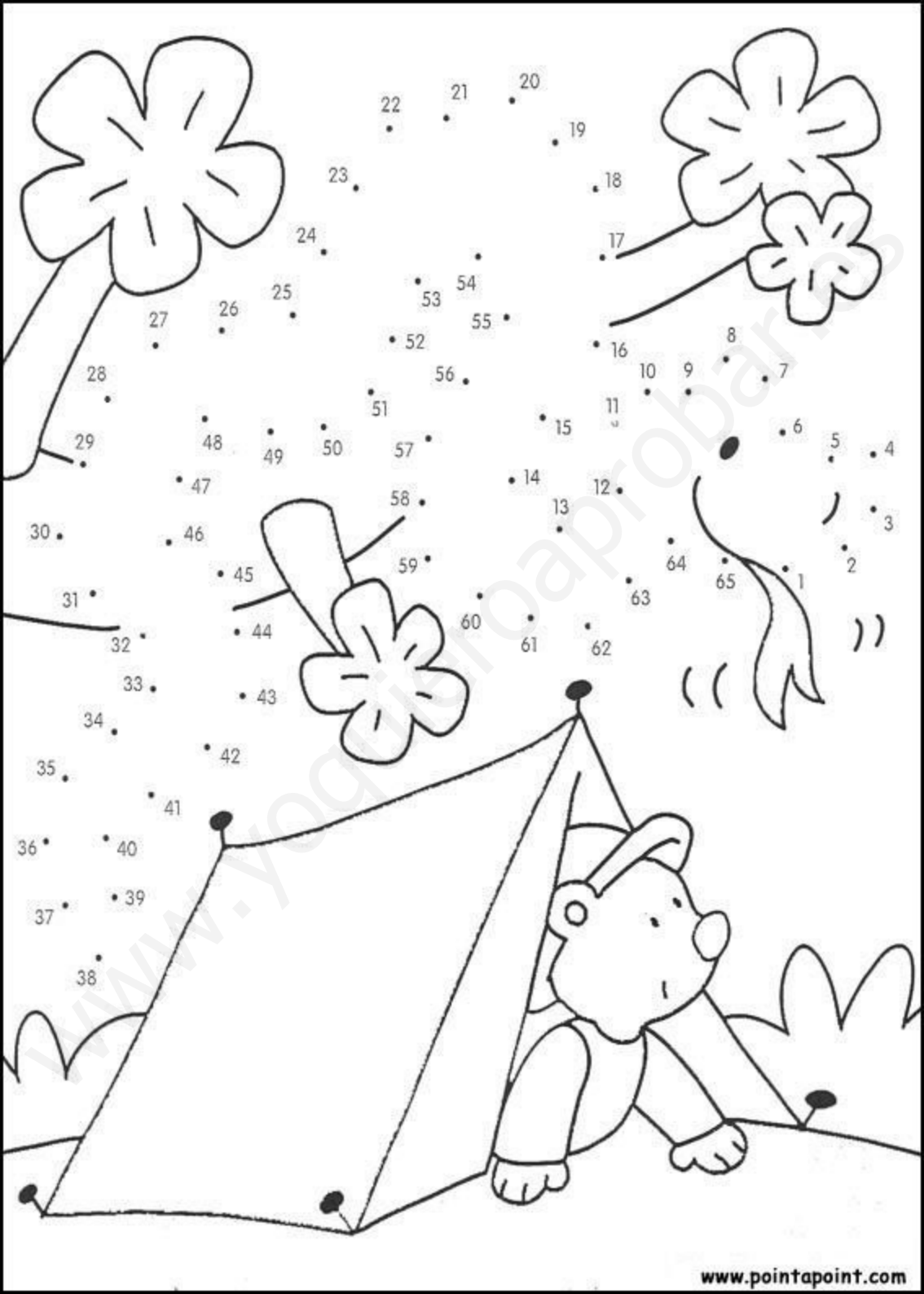
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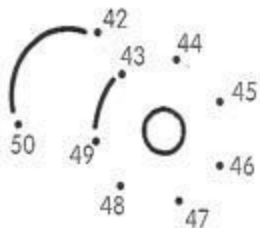
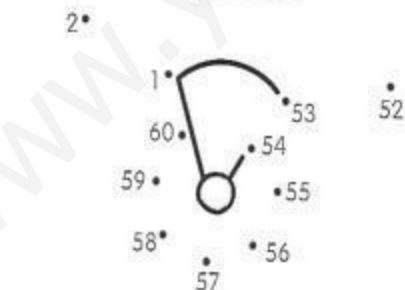
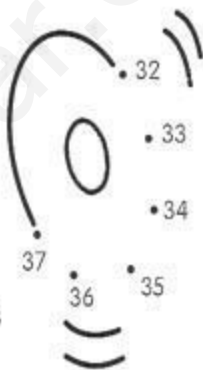
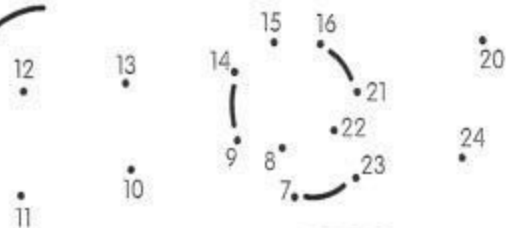
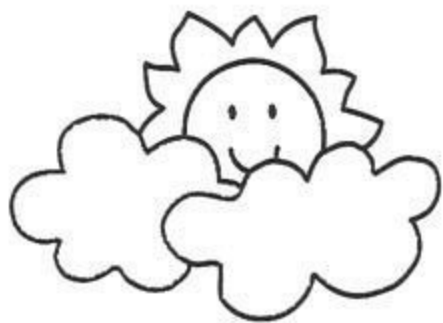
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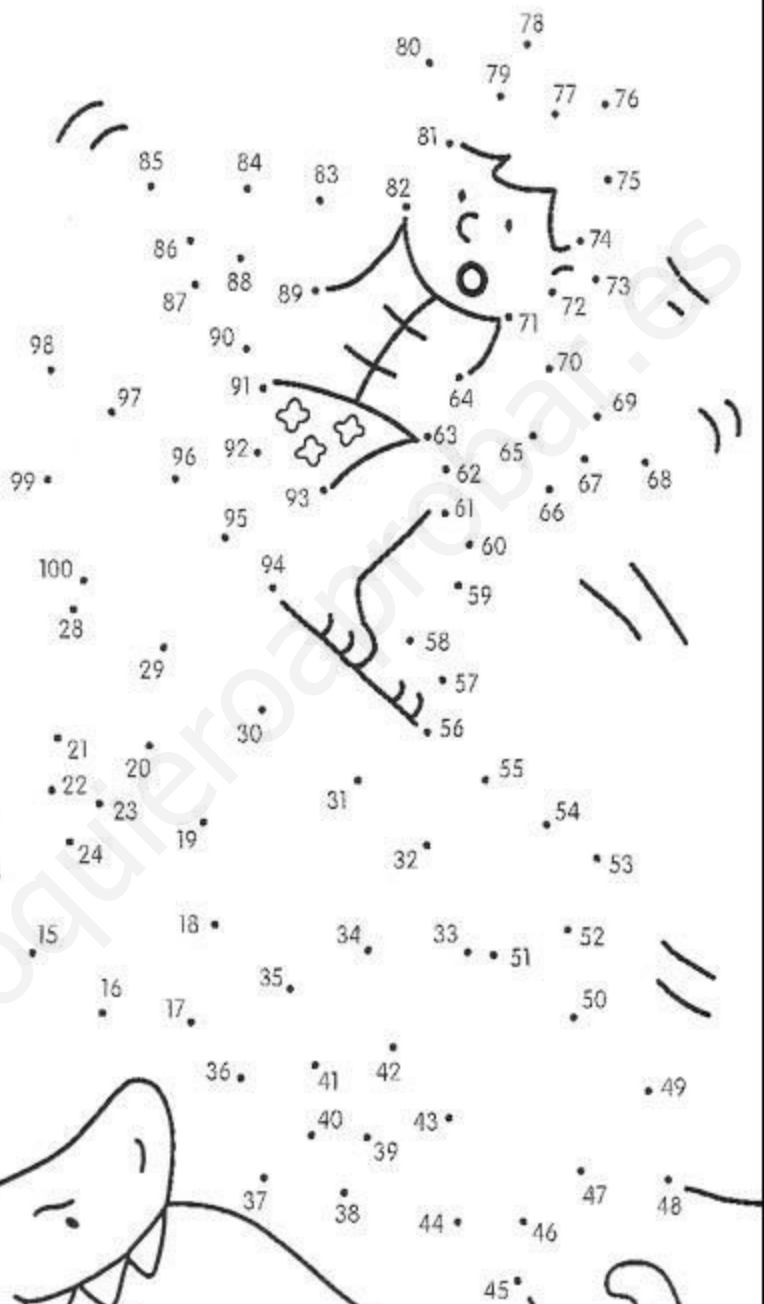
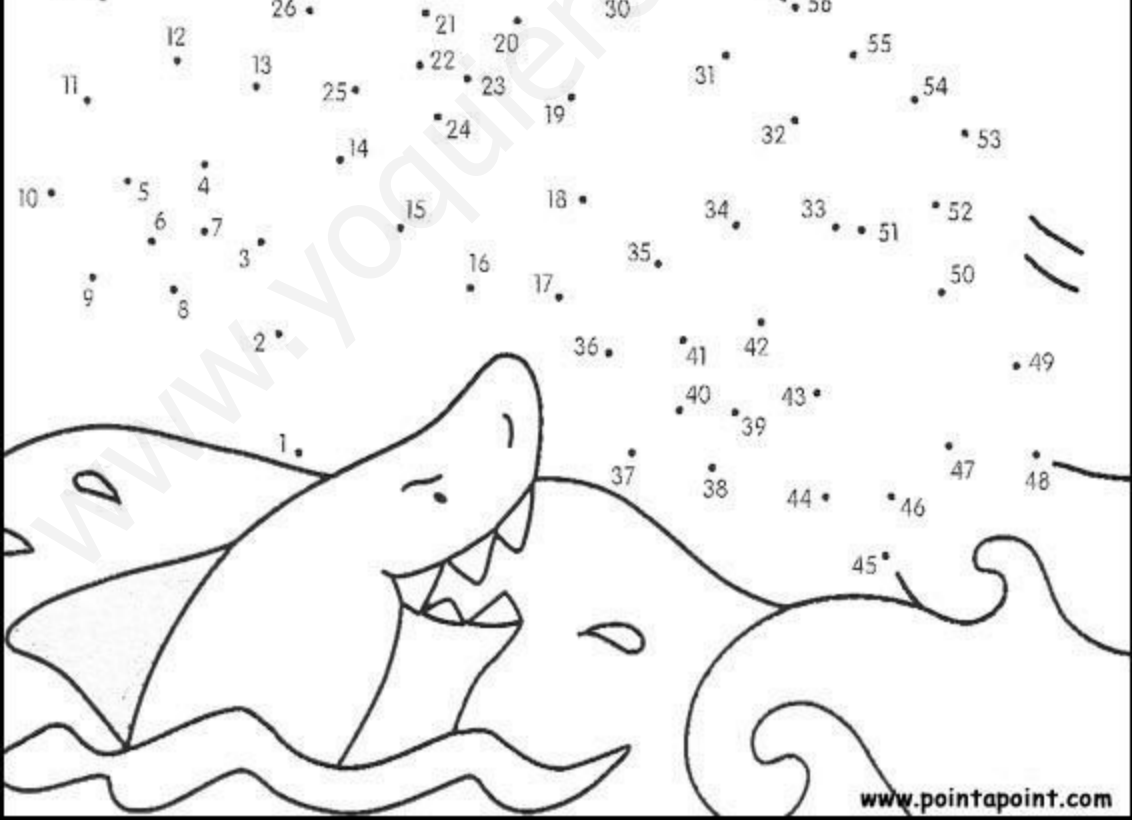
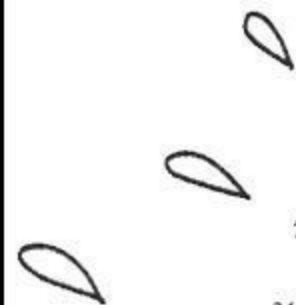
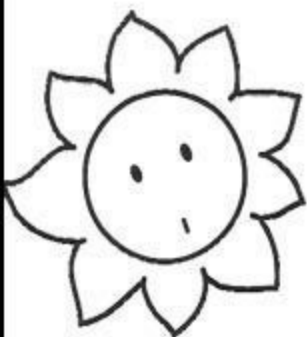
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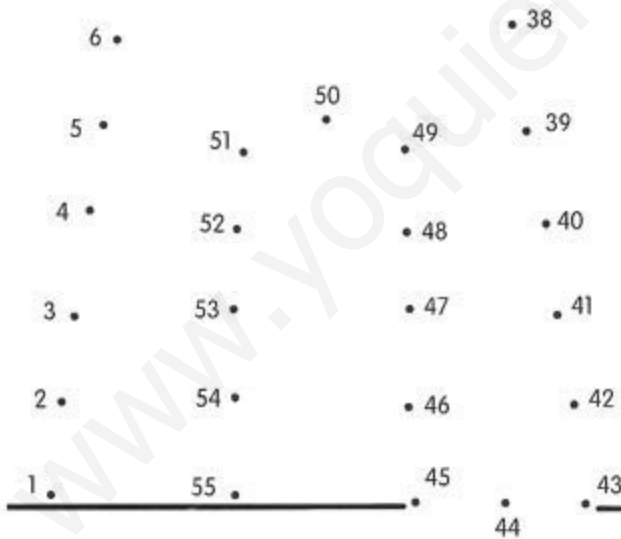
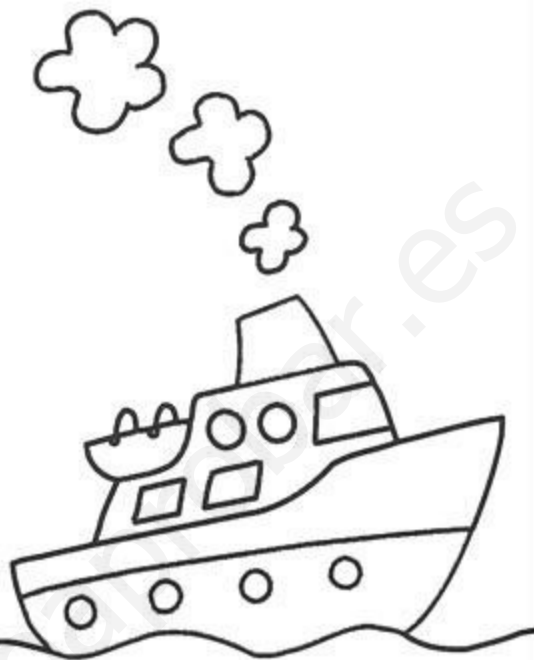
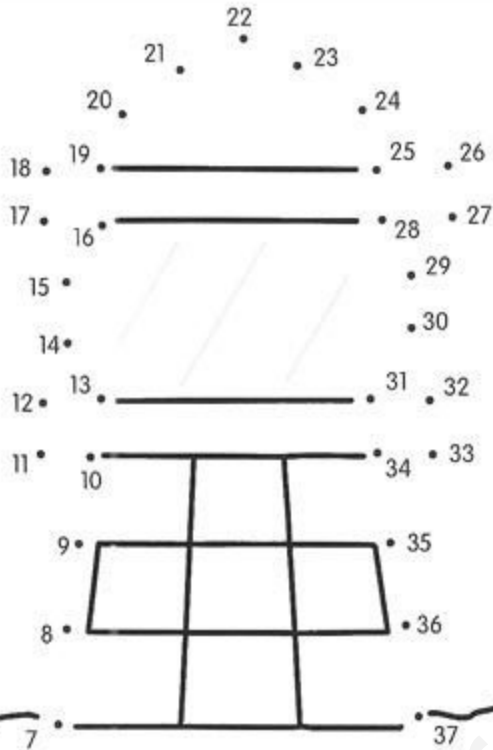


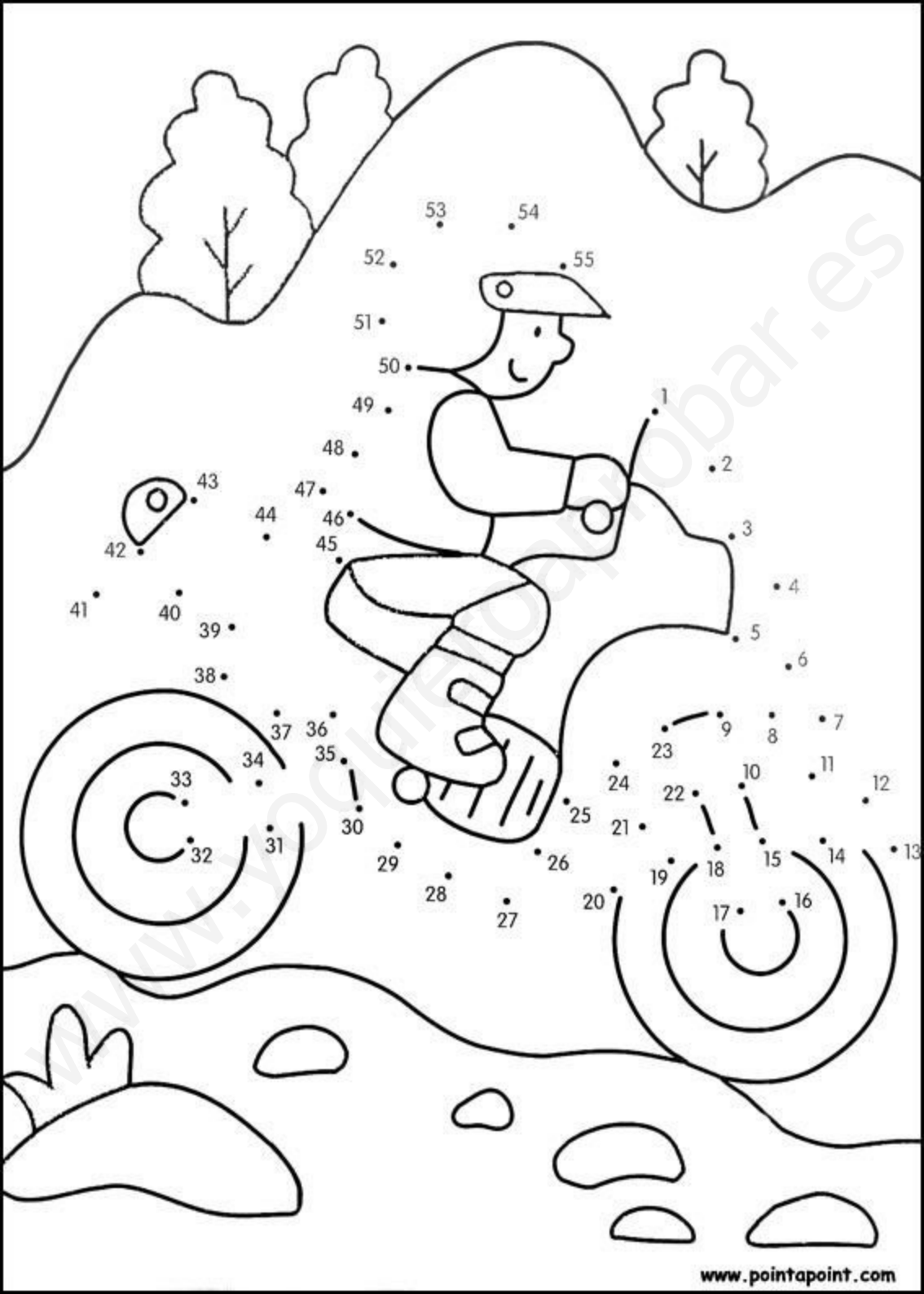




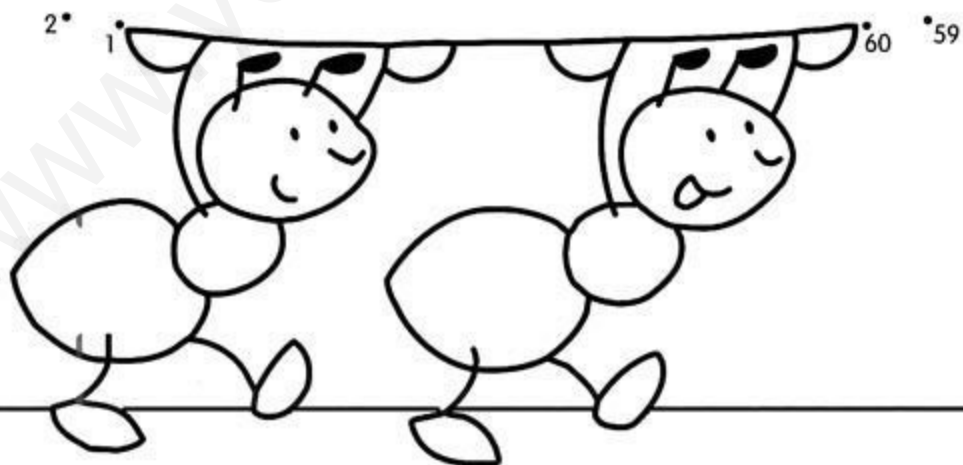
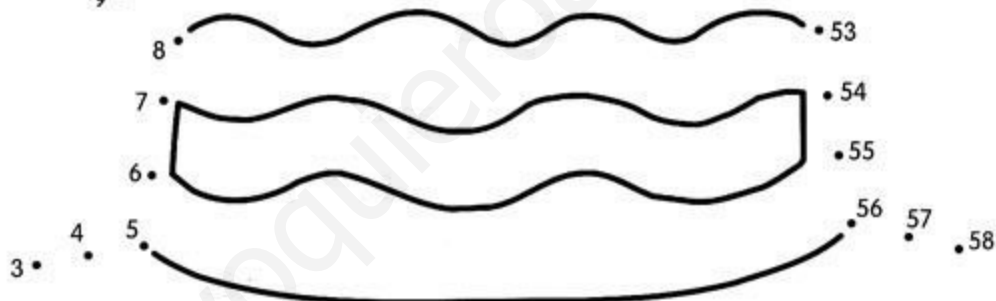
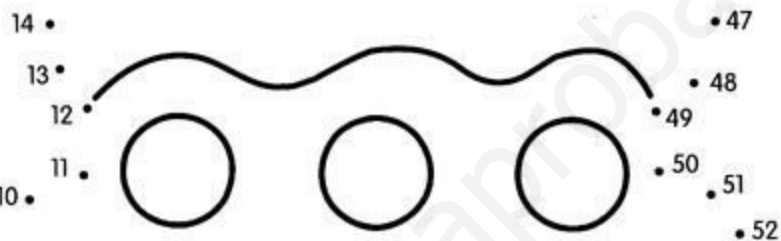
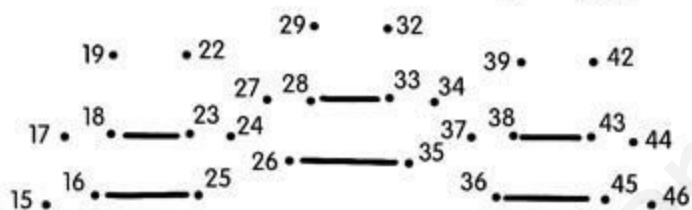
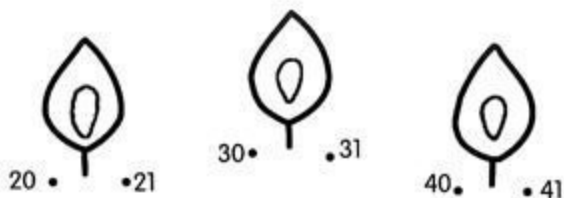




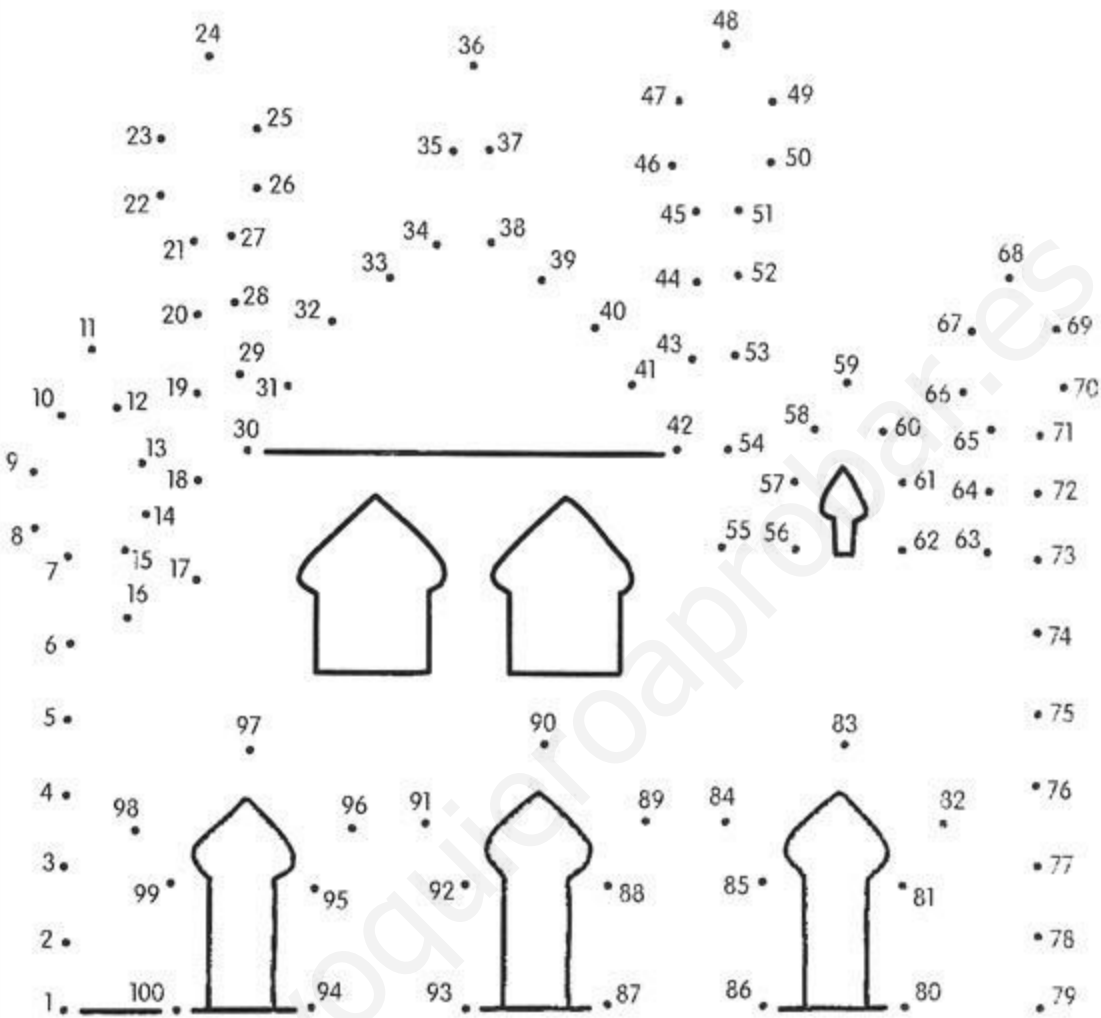


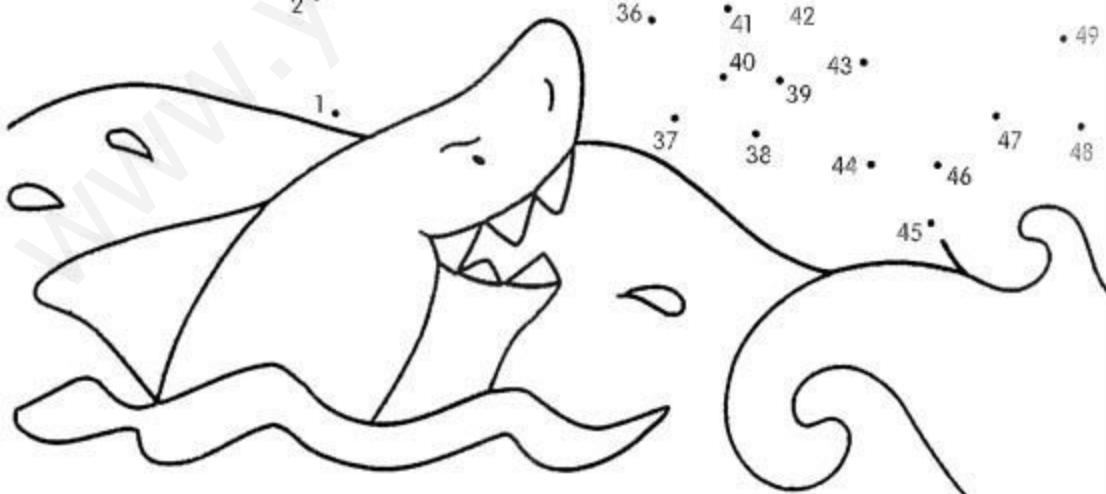
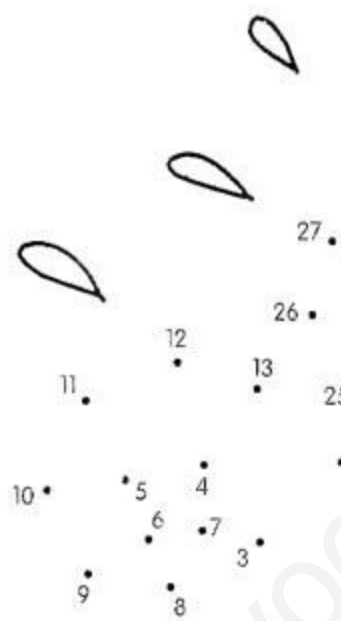
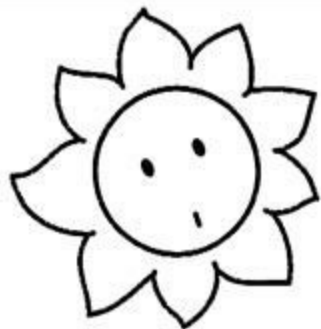


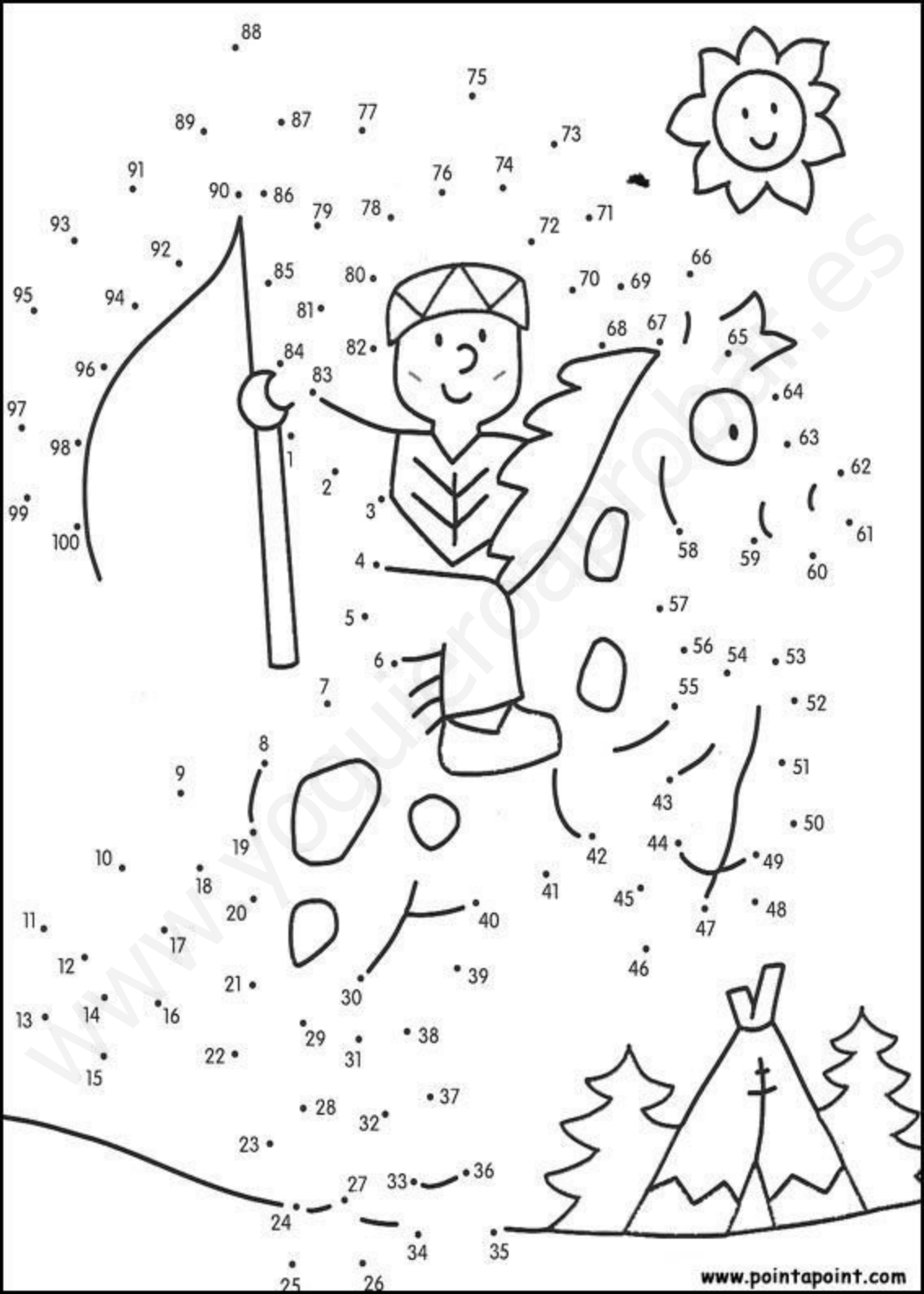




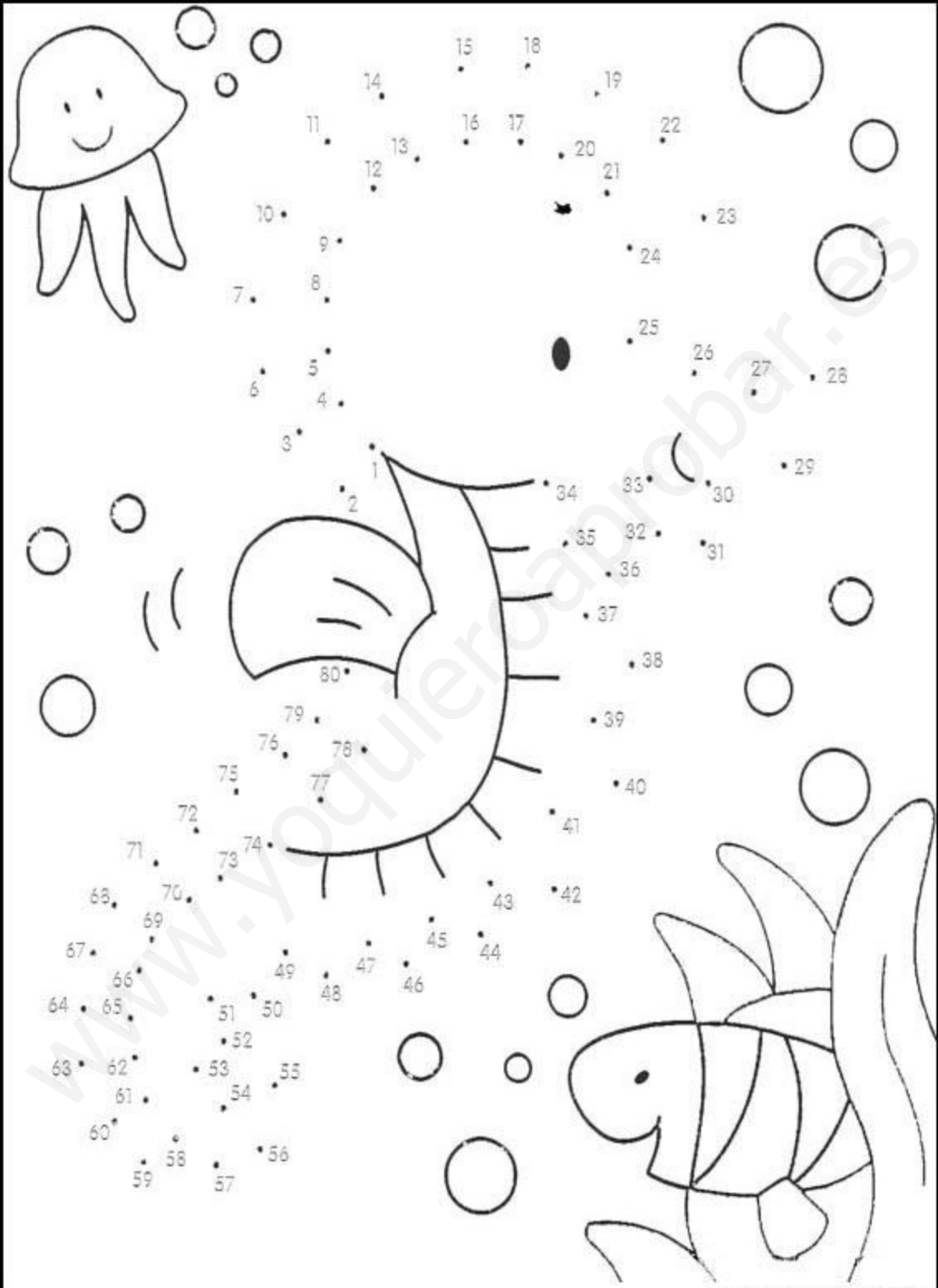


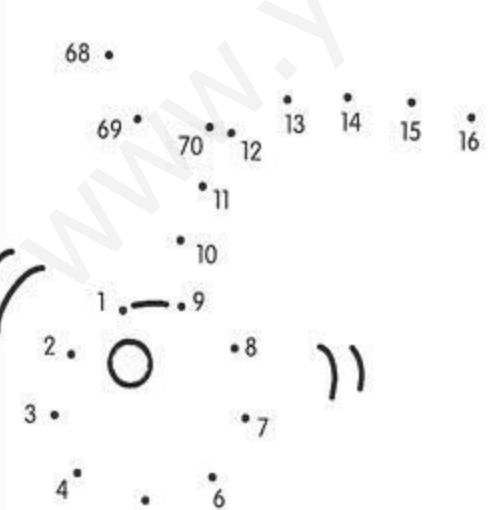
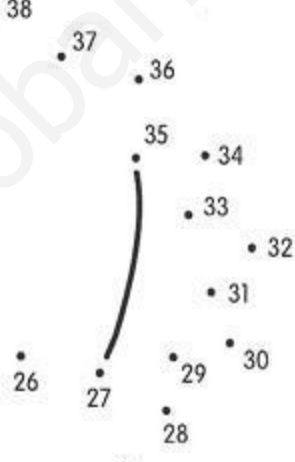
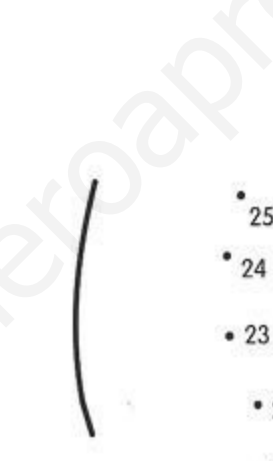
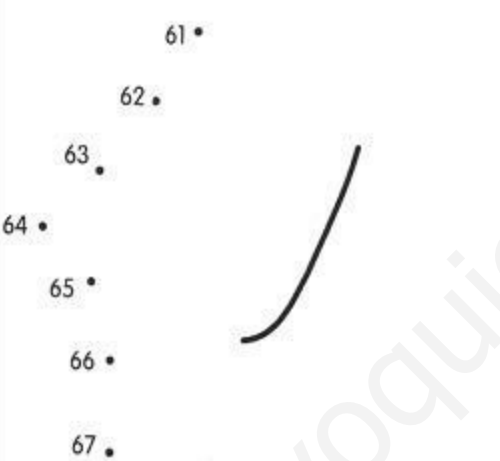
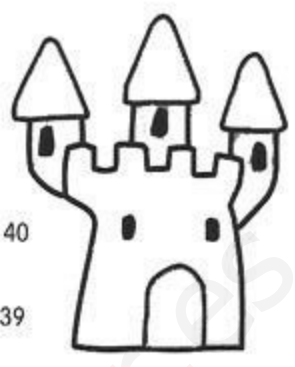
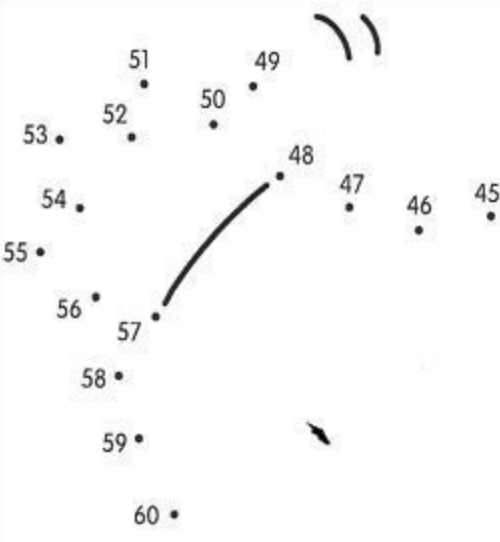


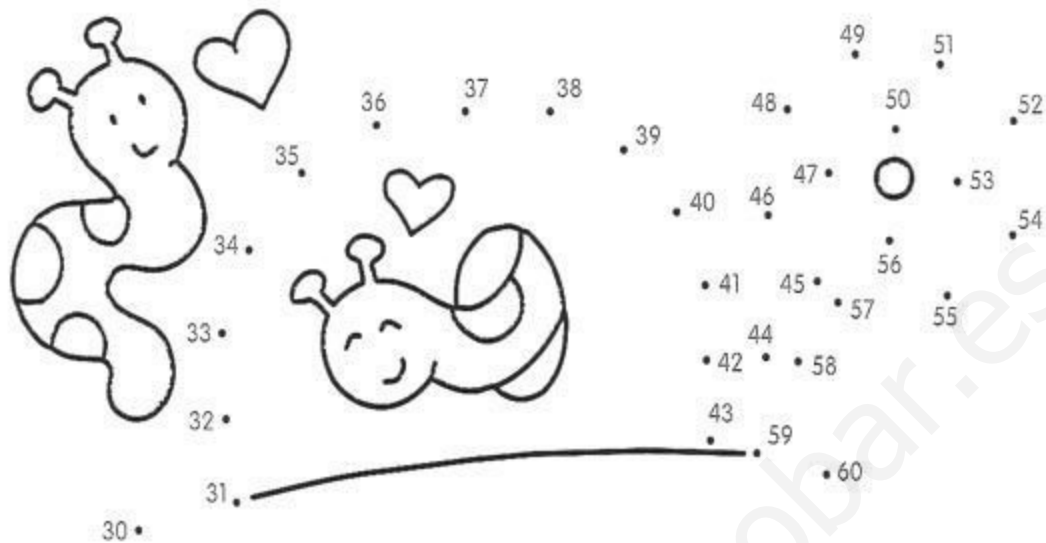
















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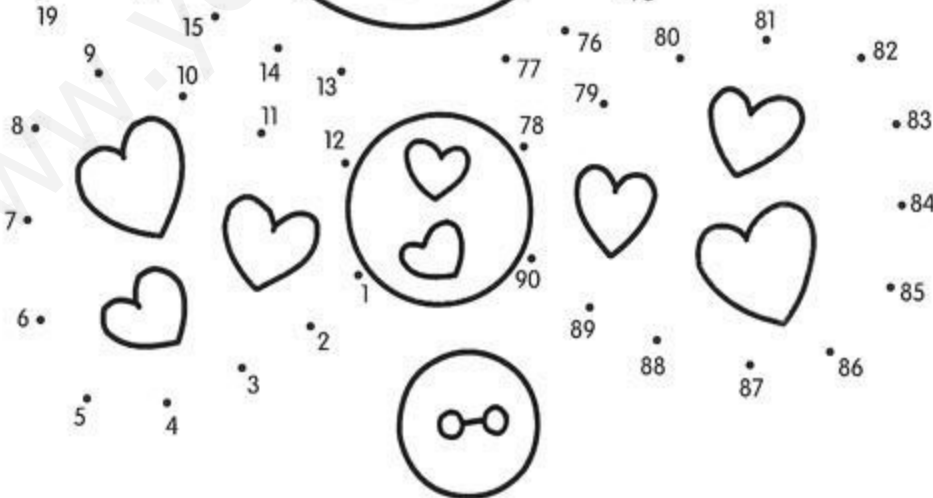
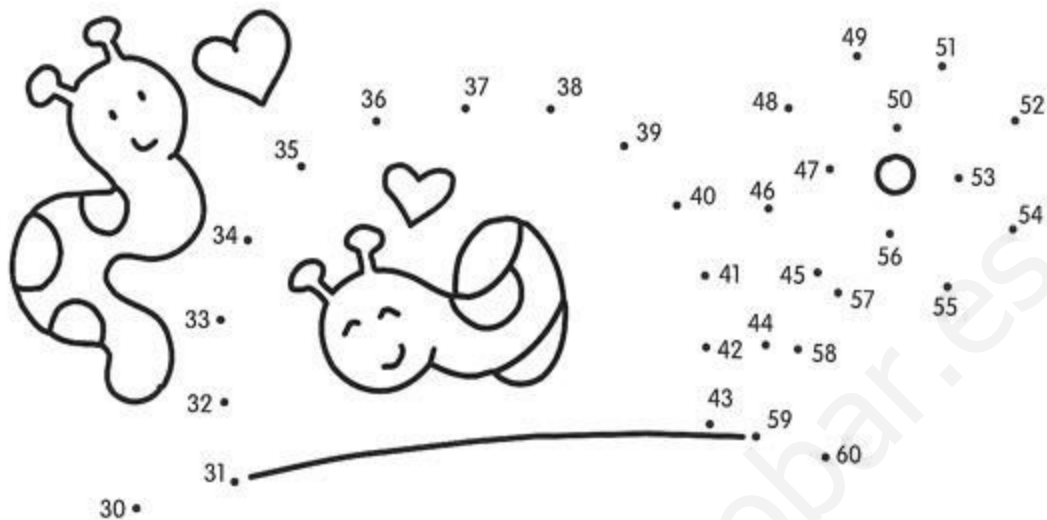
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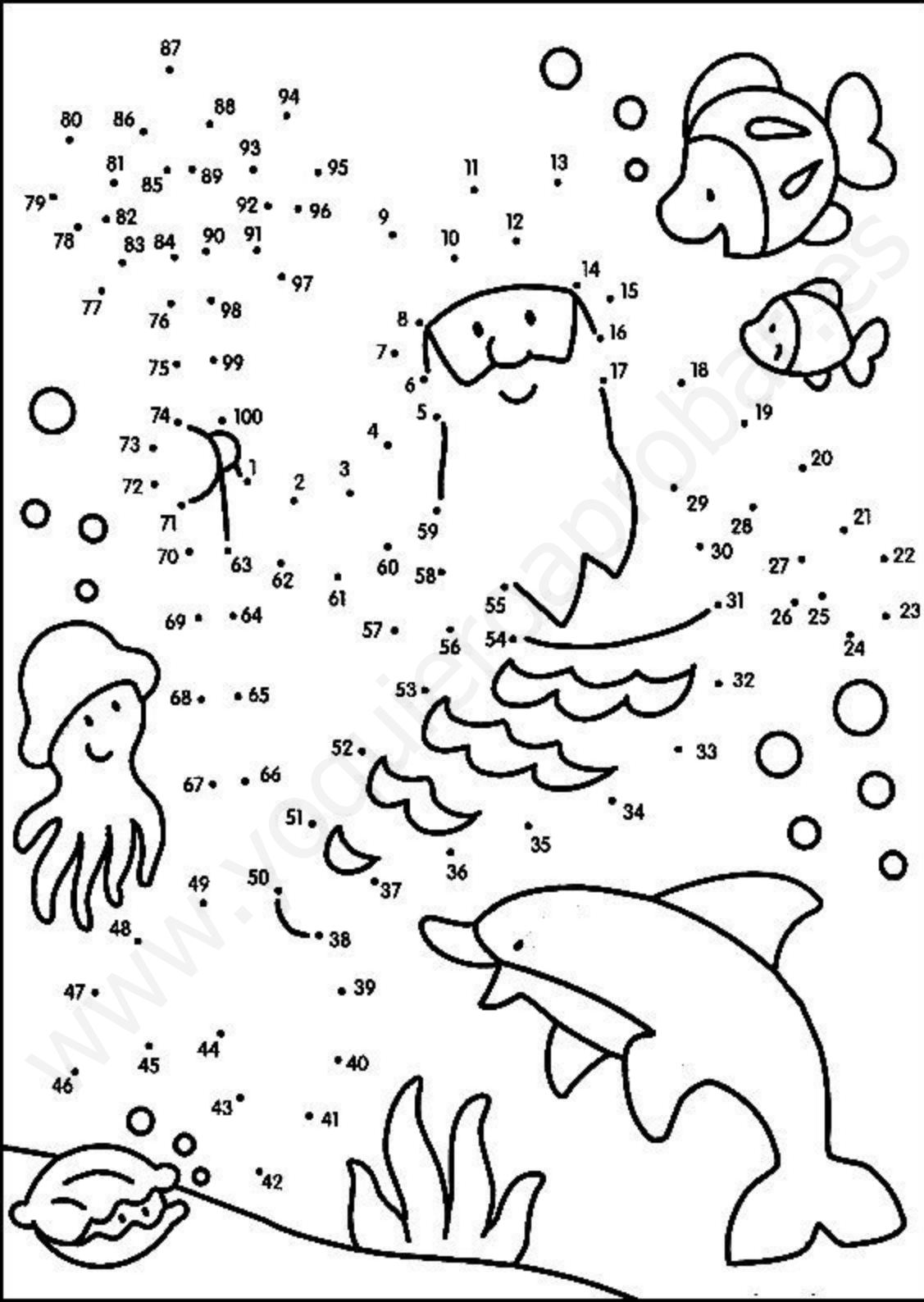
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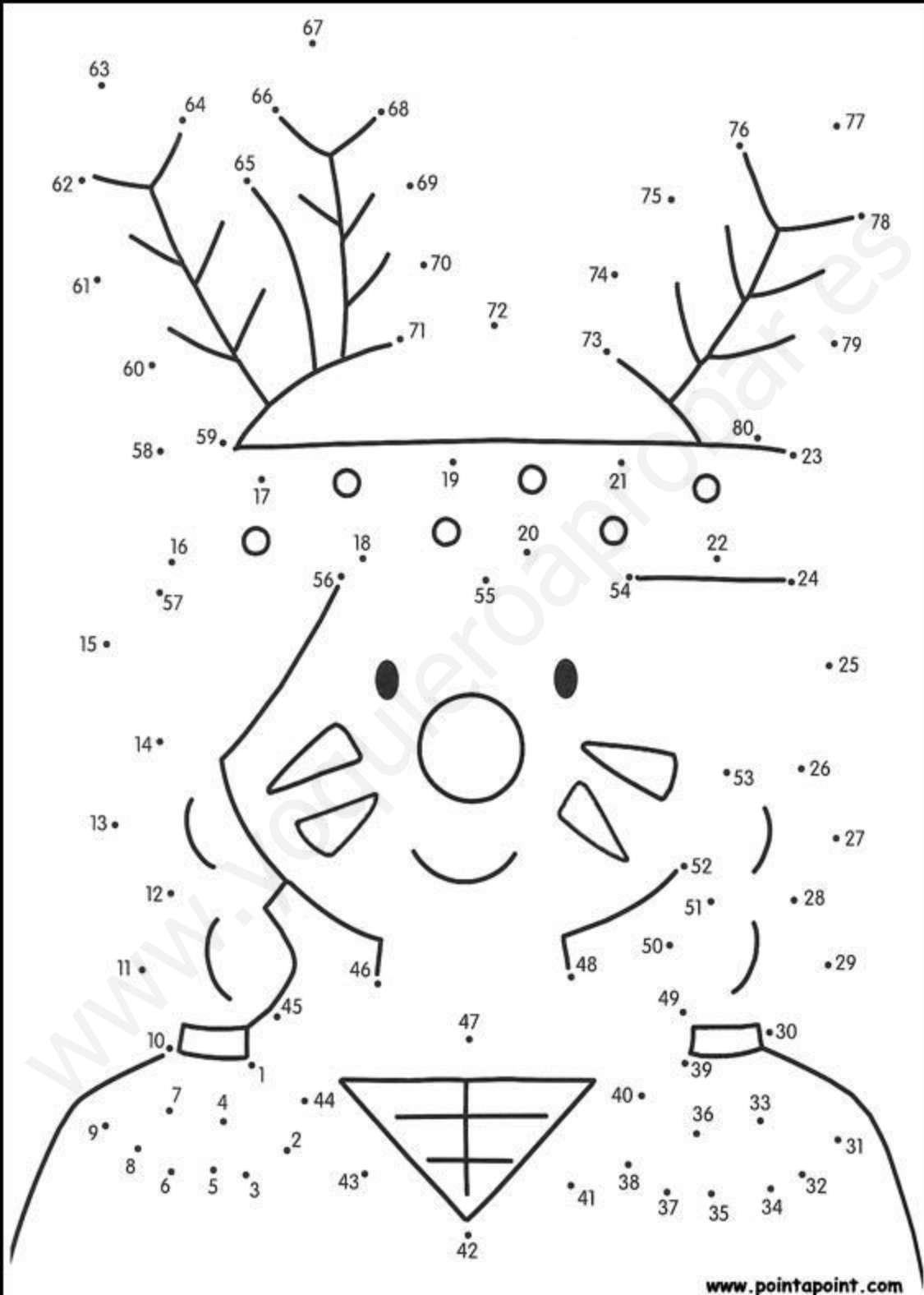
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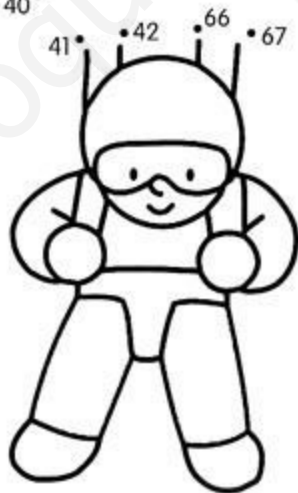
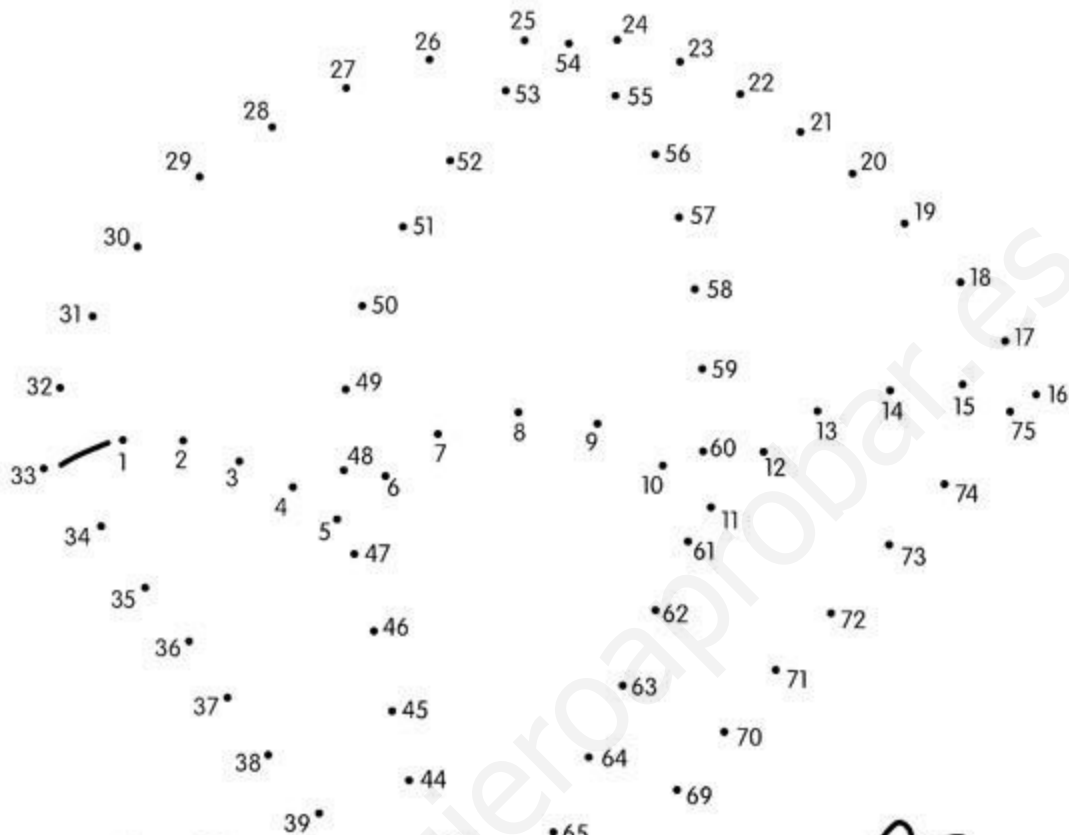


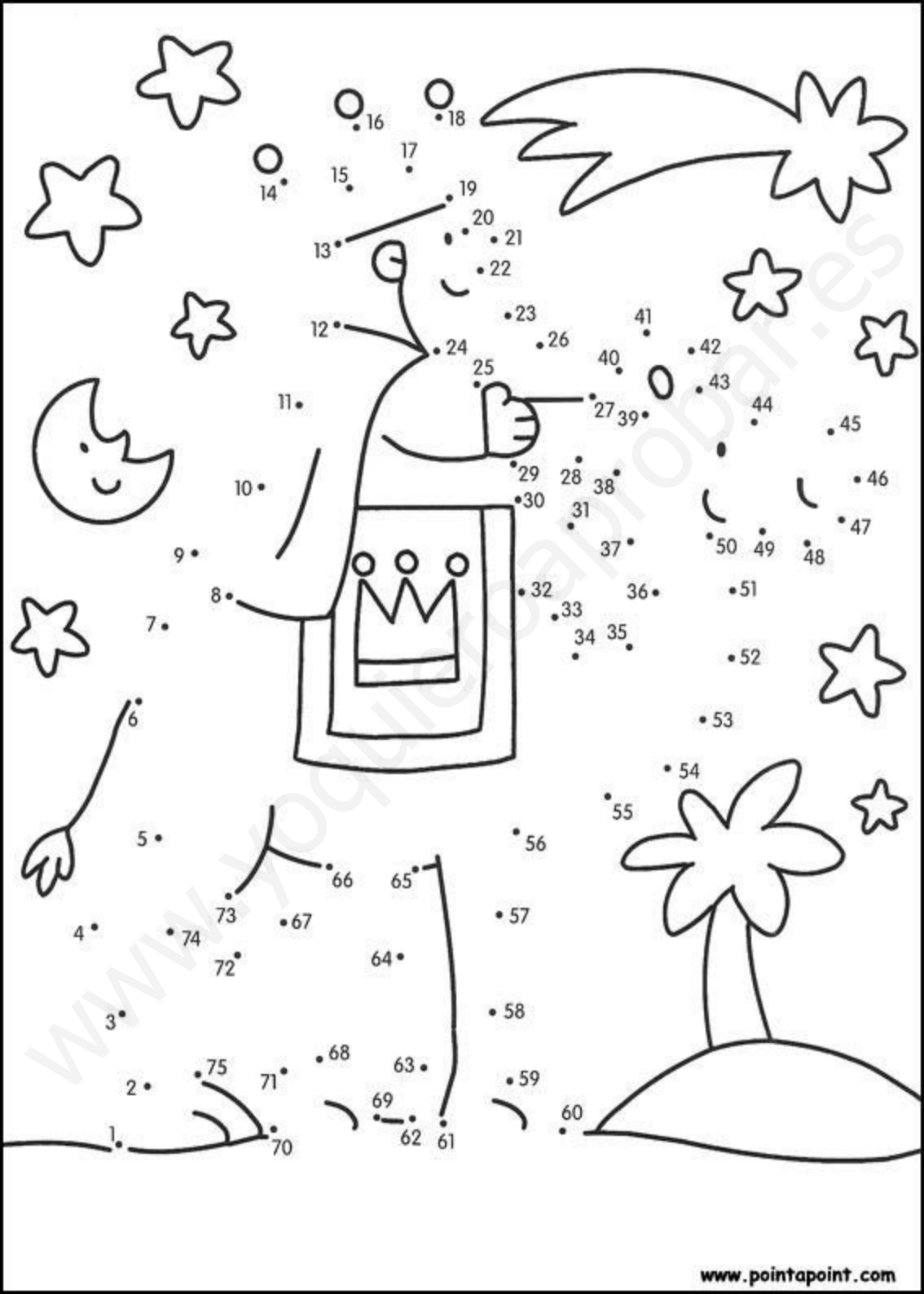














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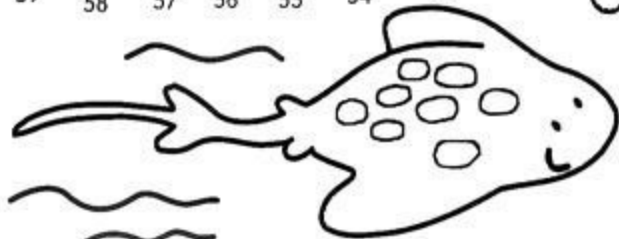
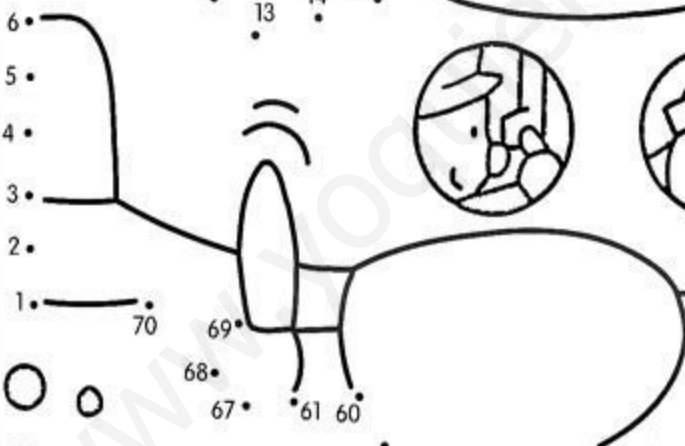
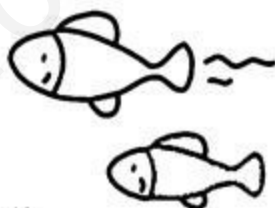
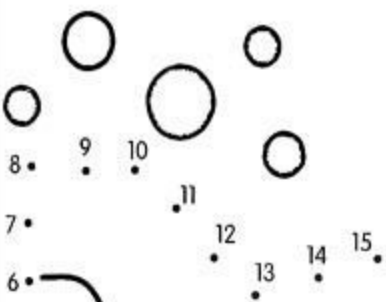
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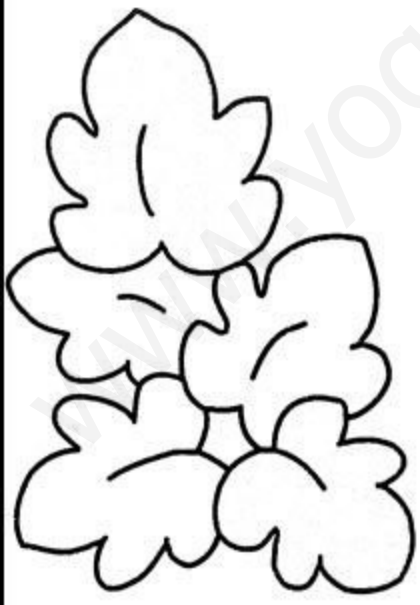
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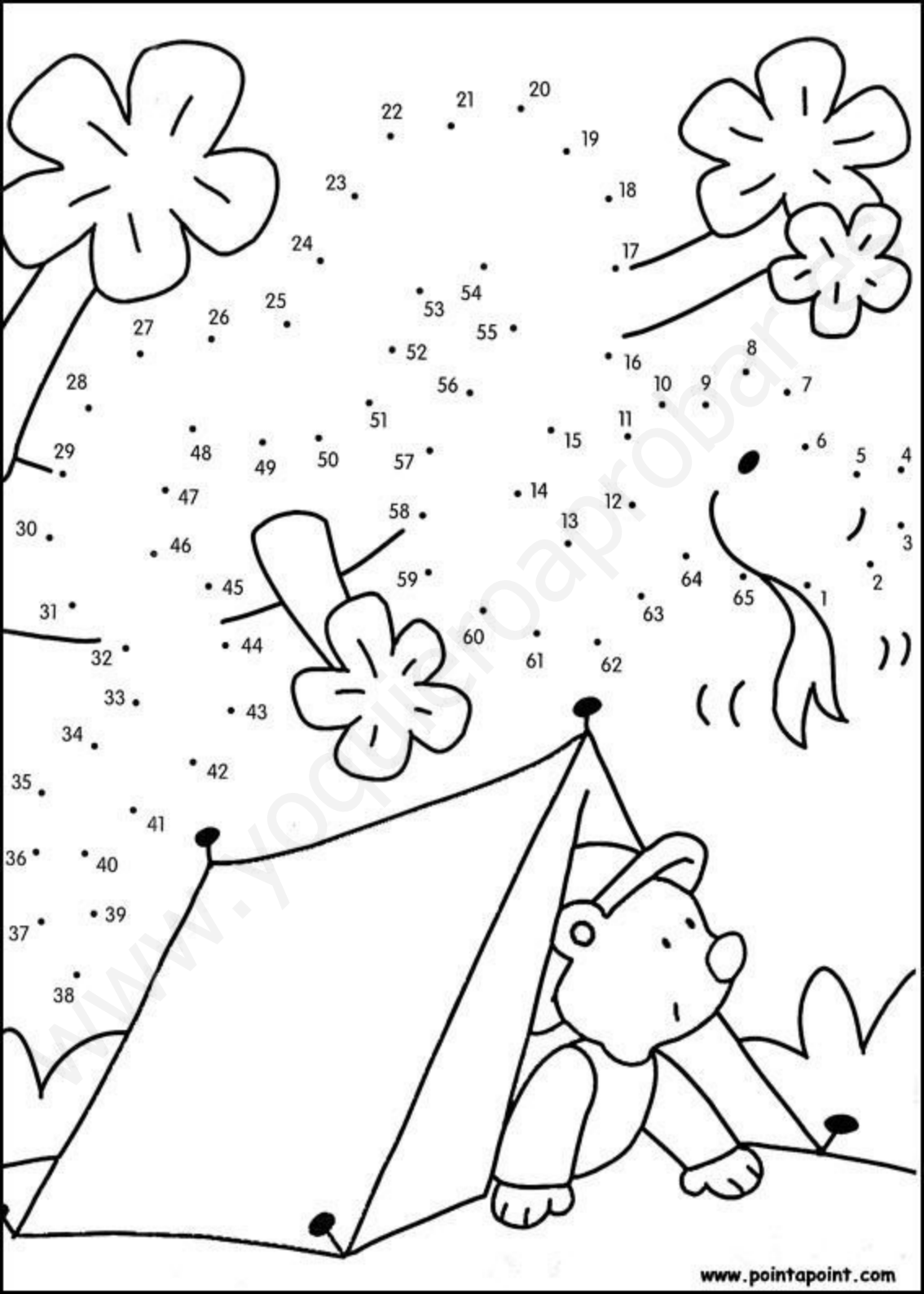
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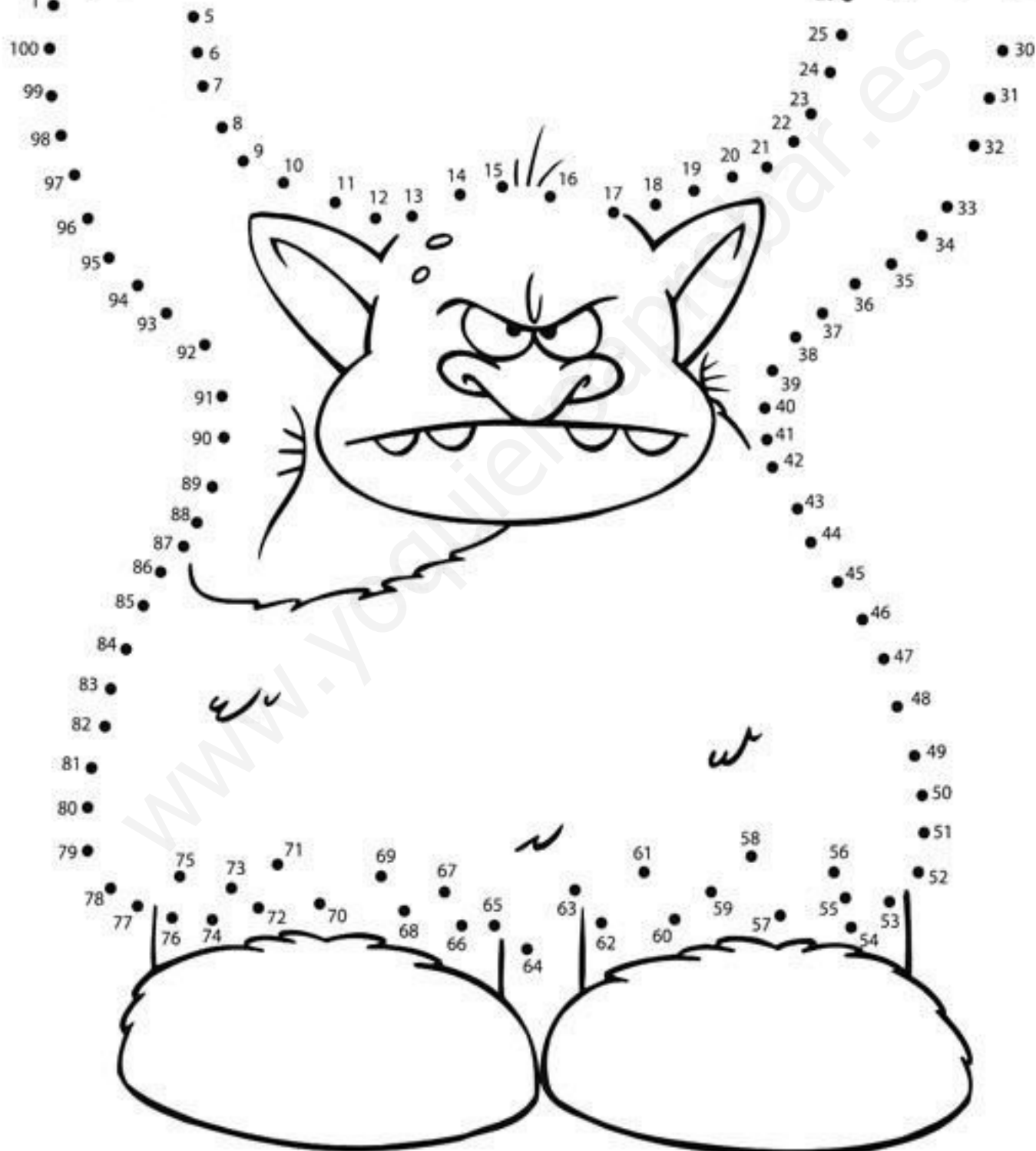
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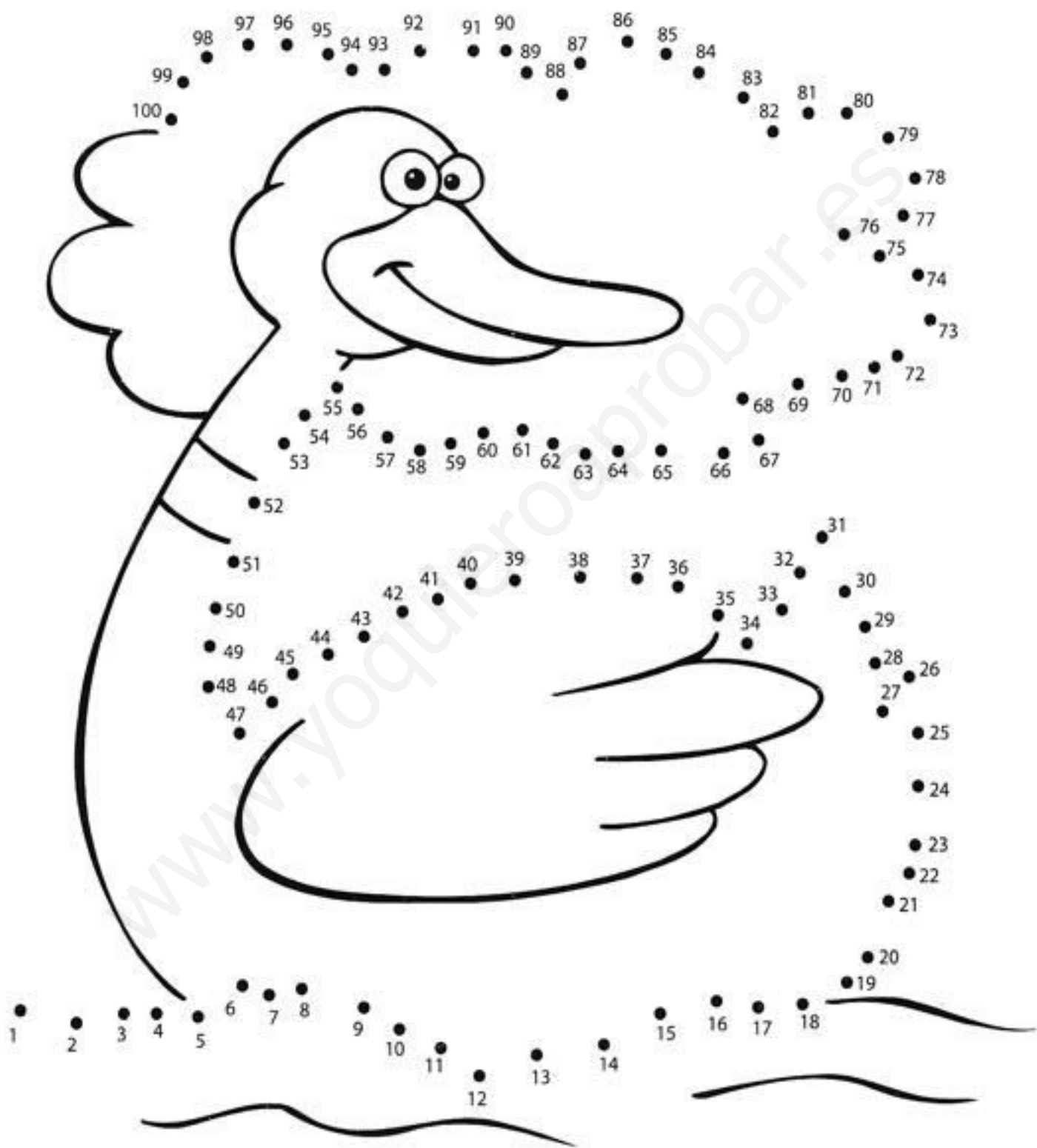




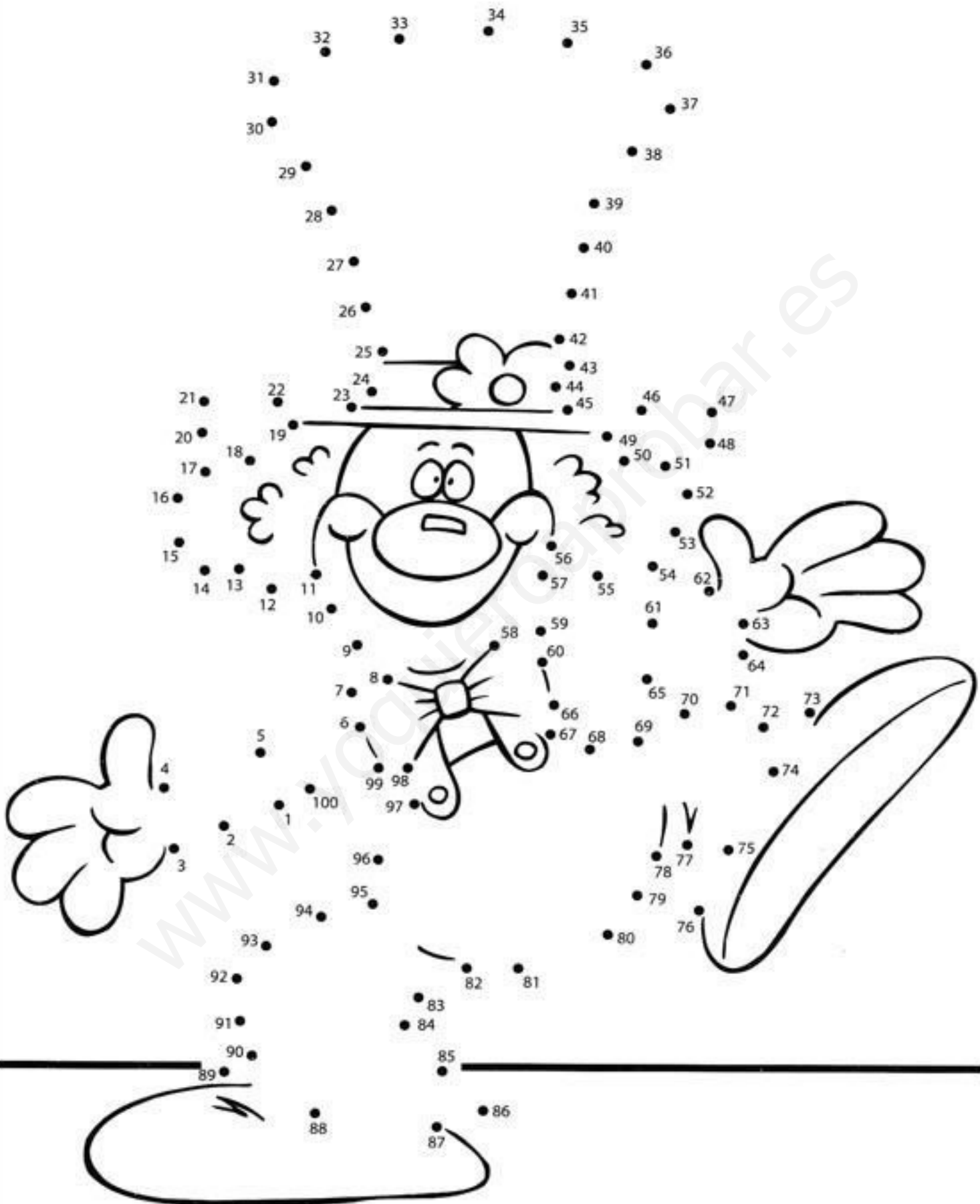




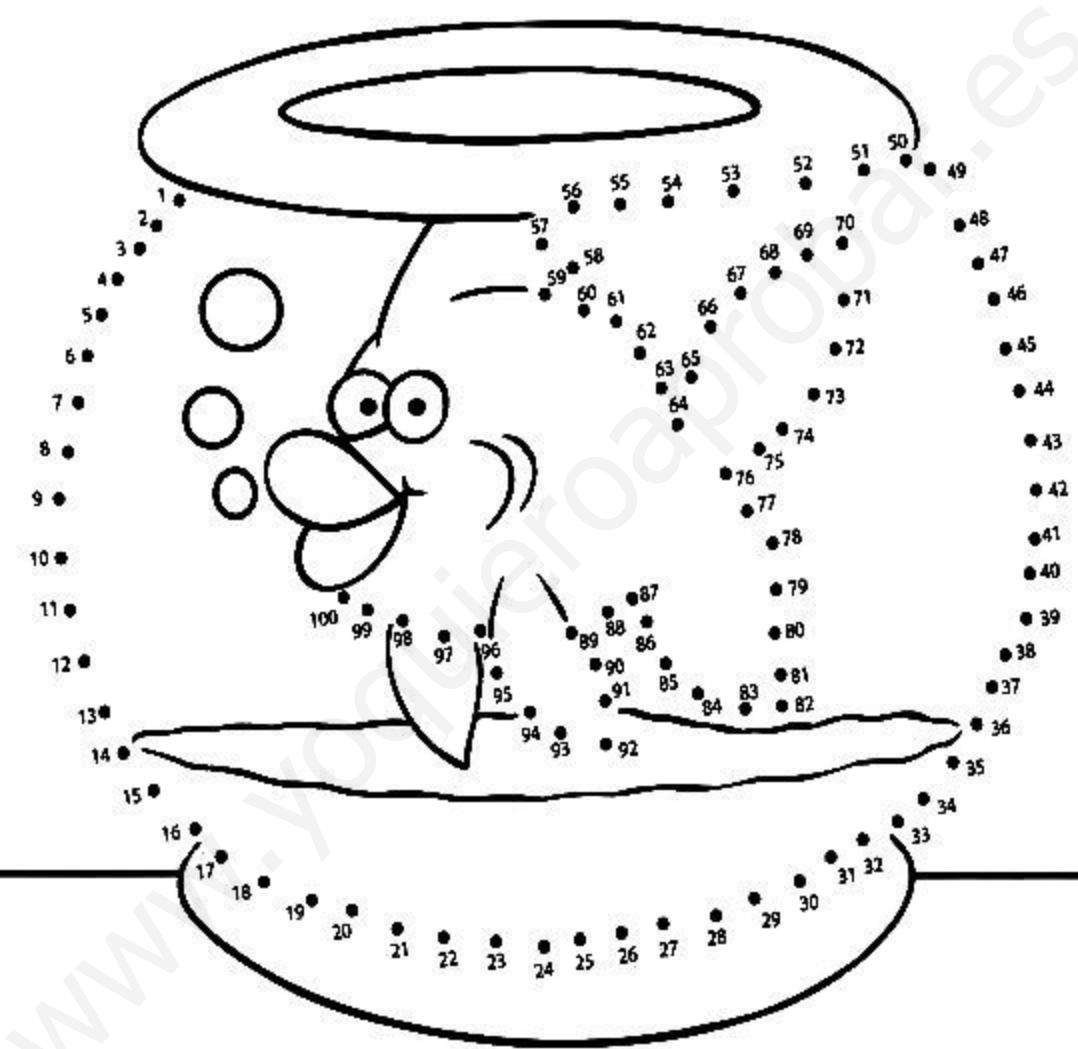


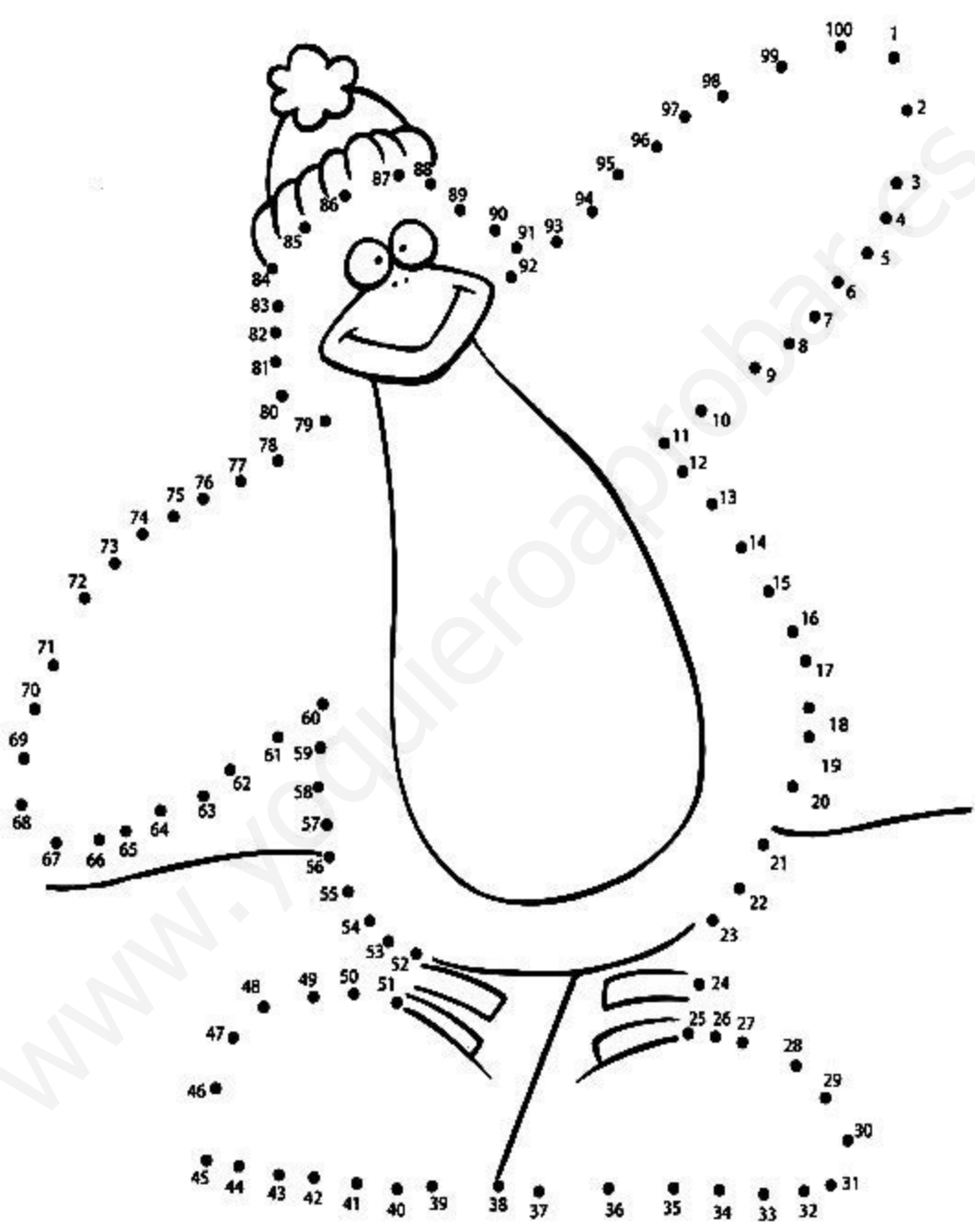


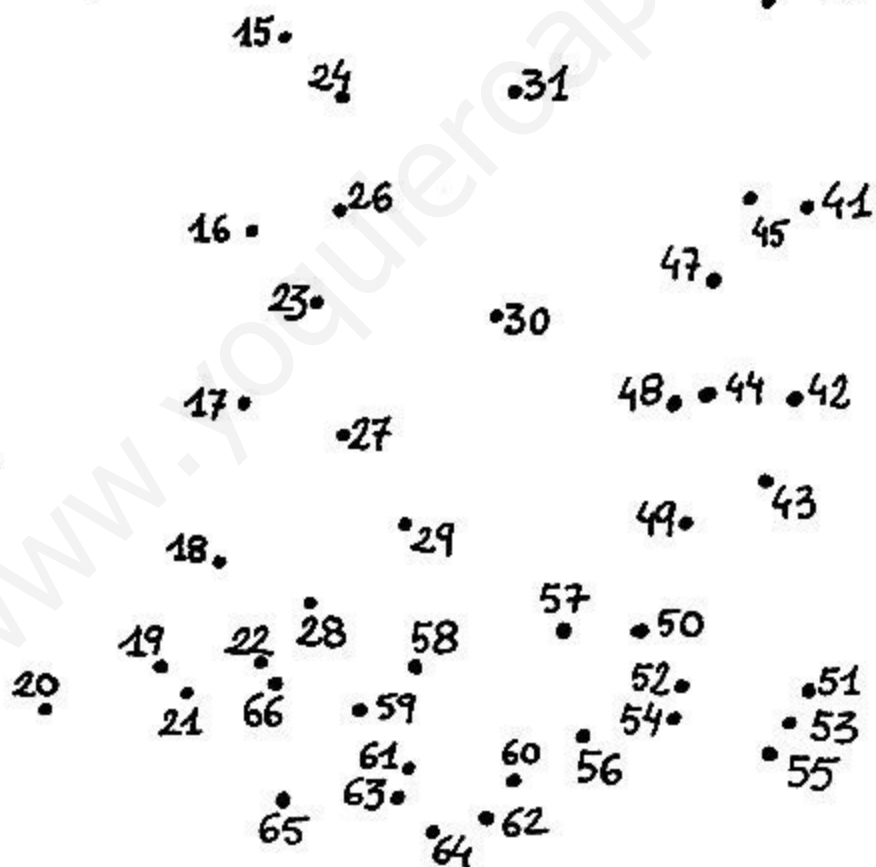
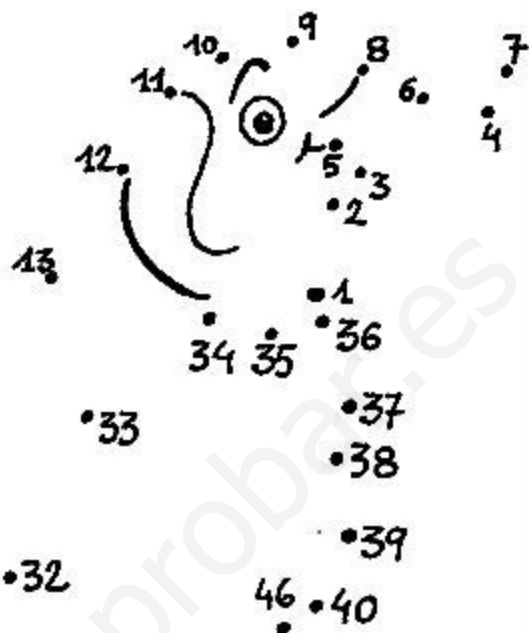


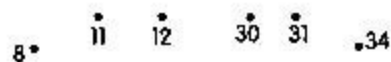
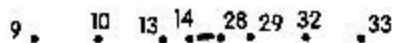
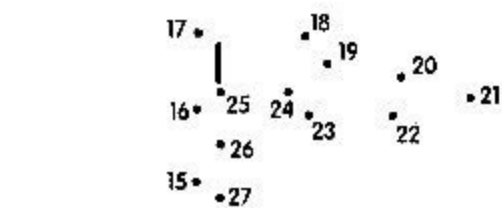












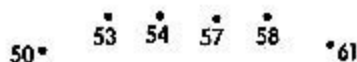
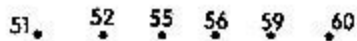
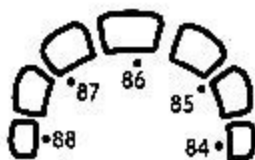
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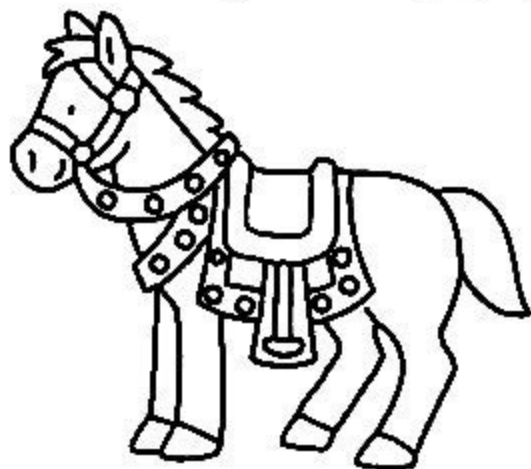
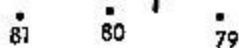
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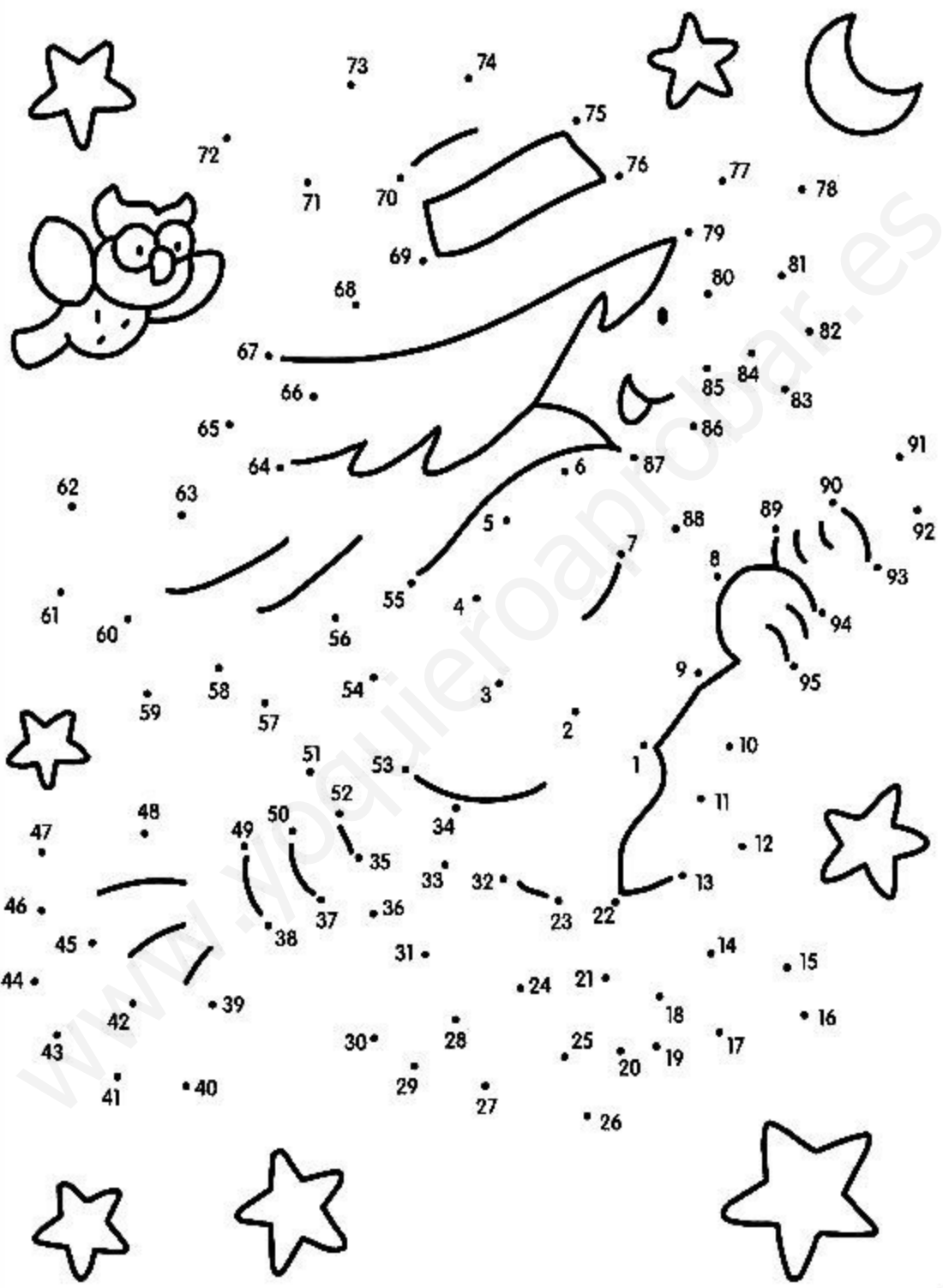
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