

**ZSL**

Zentrum für Schulqualität  
und Lehrerbildung  
Baden-Württemberg



# MATERIALBOX



Darstellen

Modellieren

Problemlösen

Argumentieren

Kommunizieren

Größen und Messen

Raum und Form

Zahlen und Operationen

Daten, Häufigkeit und Wahrscheinlichkeit



SINUS PROFIL MATHEMATIK AN GRUNDSCHULEN

## **SINUS-Box 5: Von Enten, Fröschen, Marienkäfern und Spinnen**

Problemhaltige Sachaufgaben strukturiert lösen lernen  
Klasse 1 (bis 4)

# Materialpaket Klasse 1

-

## Frösche und Enten





Name: \_\_\_\_\_

Datum: \_\_\_\_\_

## 10 Beine

Eine Eule fliegt über den See im Wald. Dort leben Enten und Frösche. Einige davon sitzen am Ufer. Die Eule zählt 10 Beine. Wie viele Frösche und Enten könnten es sein?



A large empty rectangular box for writing the answer to the problem.

Name: \_\_\_\_\_

Datum: \_\_\_\_\_

## 20 Beine

Eine Eule fliegt über den See im Wald. Dort leben Enten und Frösche. Einige davon sitzen am Ufer. Die Eule zählt 20 Beine. Wie viele Frösche und Enten könnten es sein?



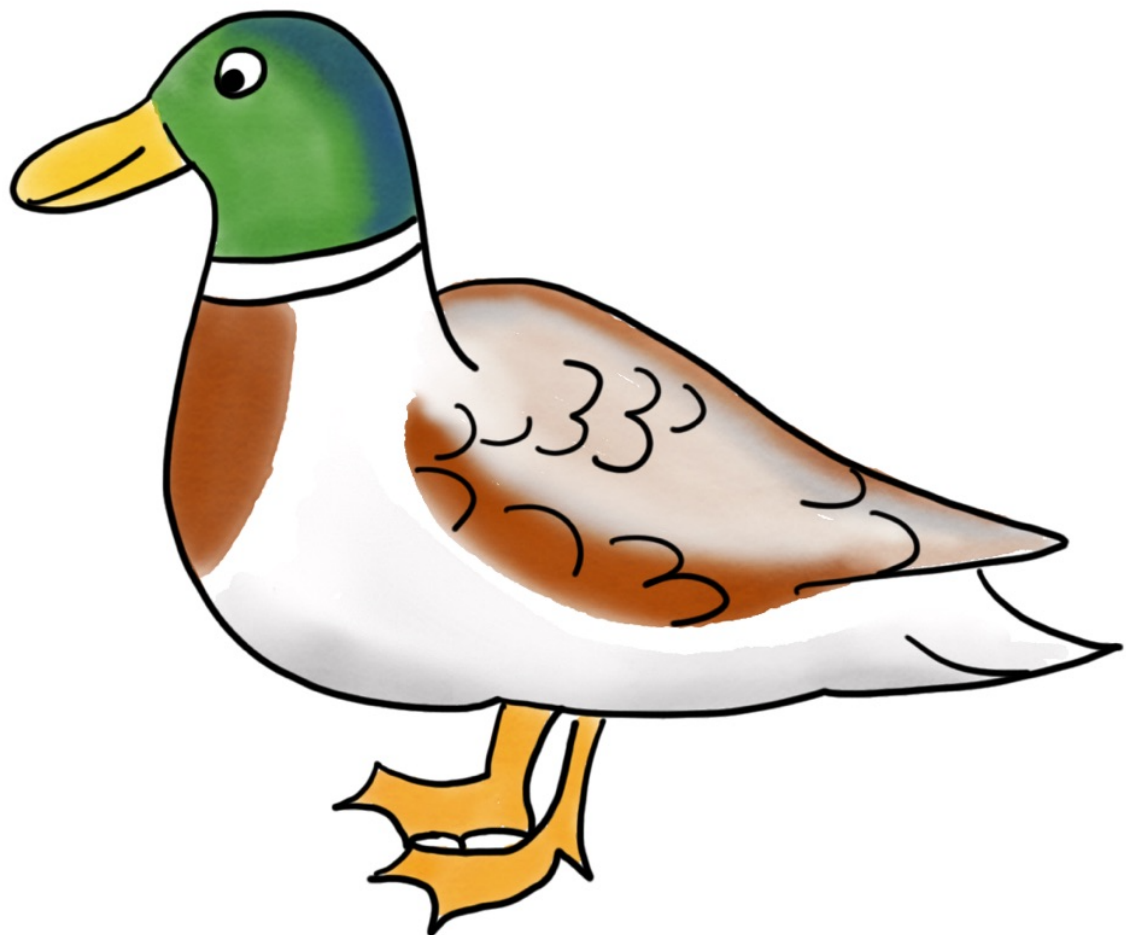
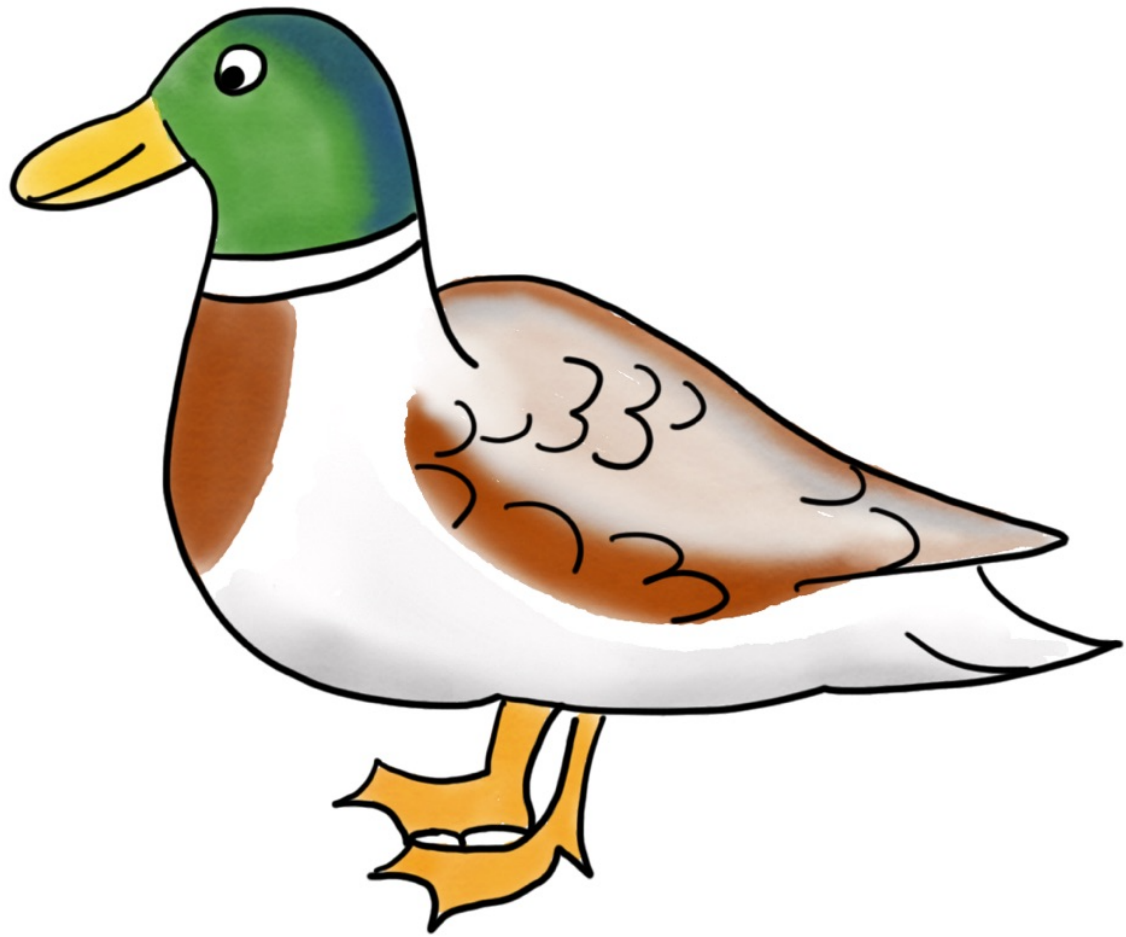
Name: \_\_\_\_\_

Datum: \_\_\_\_\_

## 32 Beine

Eine Eule fliegt über den See im Wald. Dort leben Enten und Frösche. Einige davon sitzen am Ufer. Die Eule zählt 32 Beine. Wie viele Frösche und Enten könnten es sein?

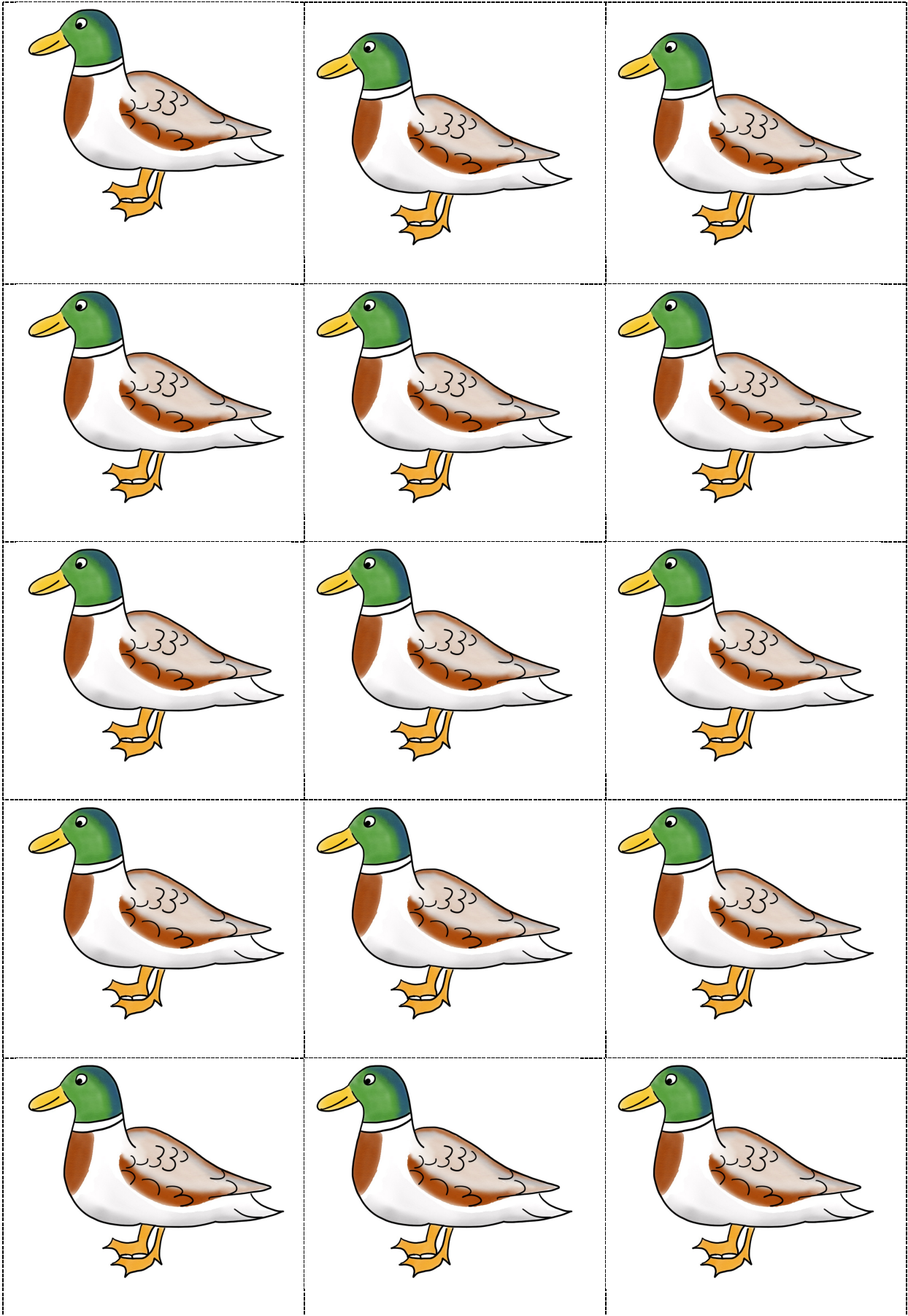




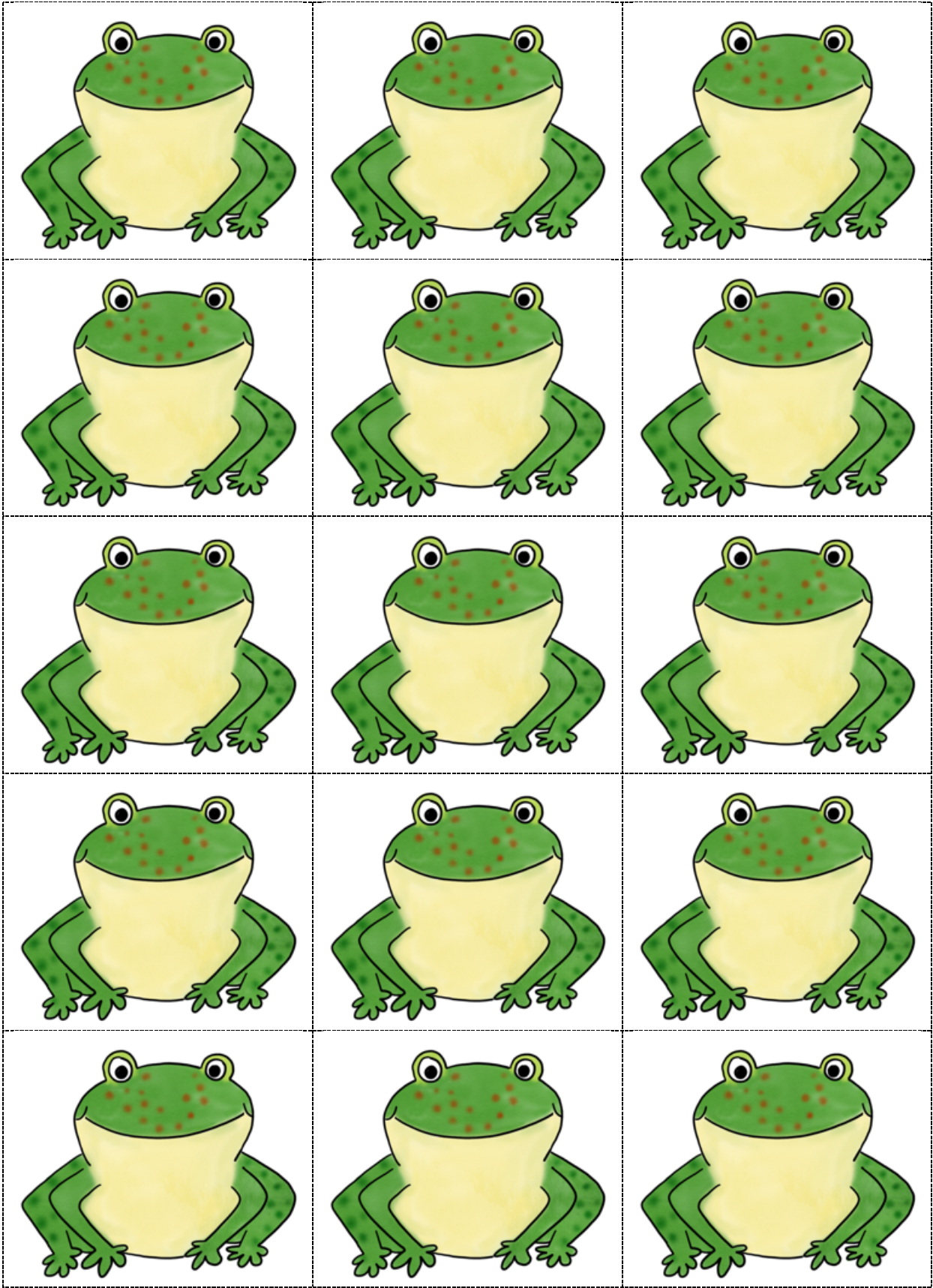




















































Vorlage - Ente



Vorlage - Frösche

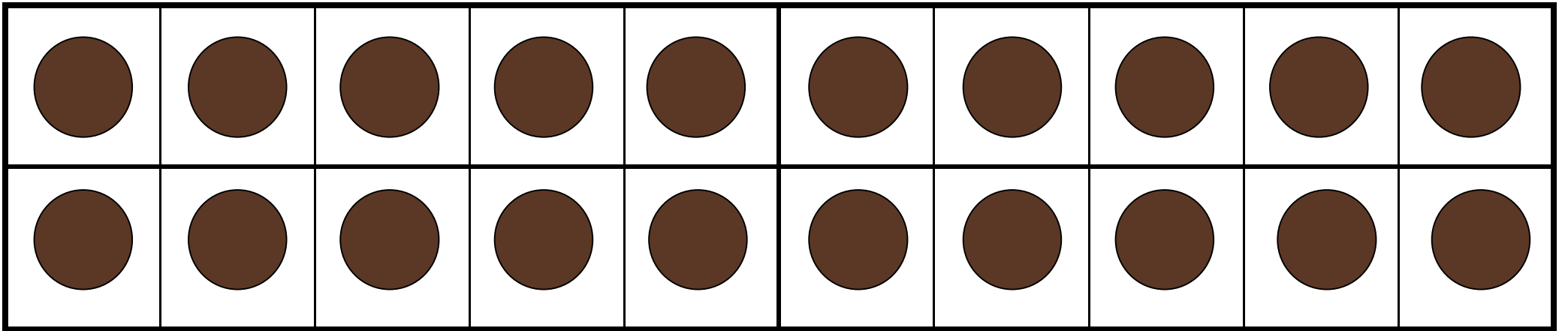
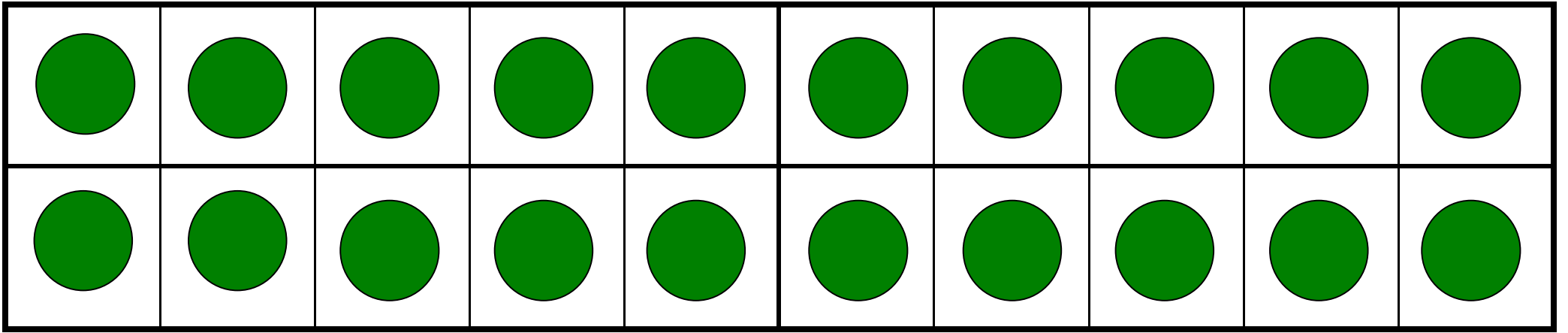


# Vorlage - Trefferstreifen

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 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____







# Materialpaket Klasse 2

-

## Kühe und Hühner



Name: \_\_\_\_\_

Datum: \_\_\_\_\_

## 20 Beine

Ein Bauer hat auf seinem Hof Kühe und Hühner.  
Einige davon sind im Stall. Der Bauer zählt 20 Beine.  
Wie viele Kühe und Hühner könnten es sein?





Name: \_\_\_\_\_

Datum: \_\_\_\_\_

## 32 Beine

Ein Bauer hat auf seinem Hof Kühe und Hühner.  
Einige davon sind im Stall. Der Bauer zählt 32 Beine.  
Wie viele Kühe und Hühner könnten es sein?



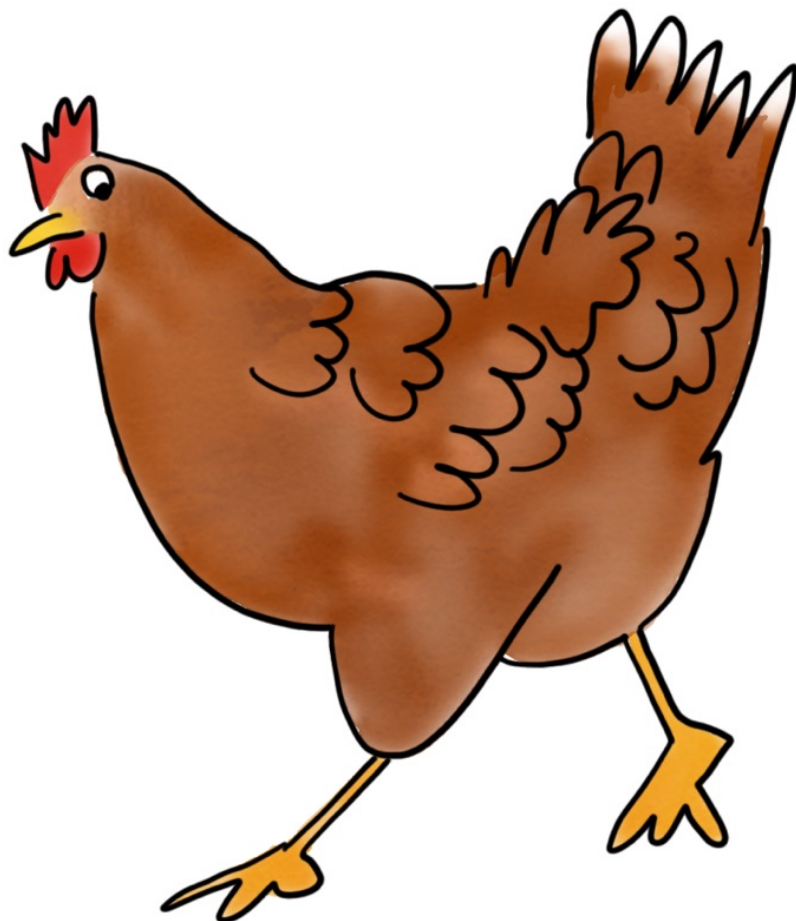
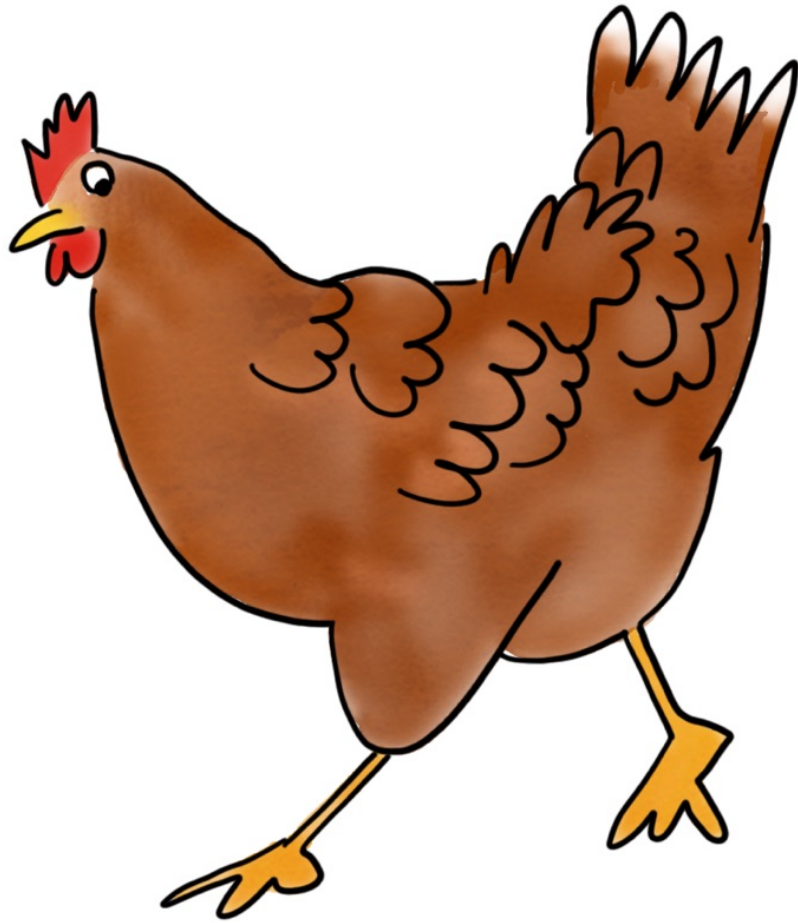
Name: \_\_\_\_\_

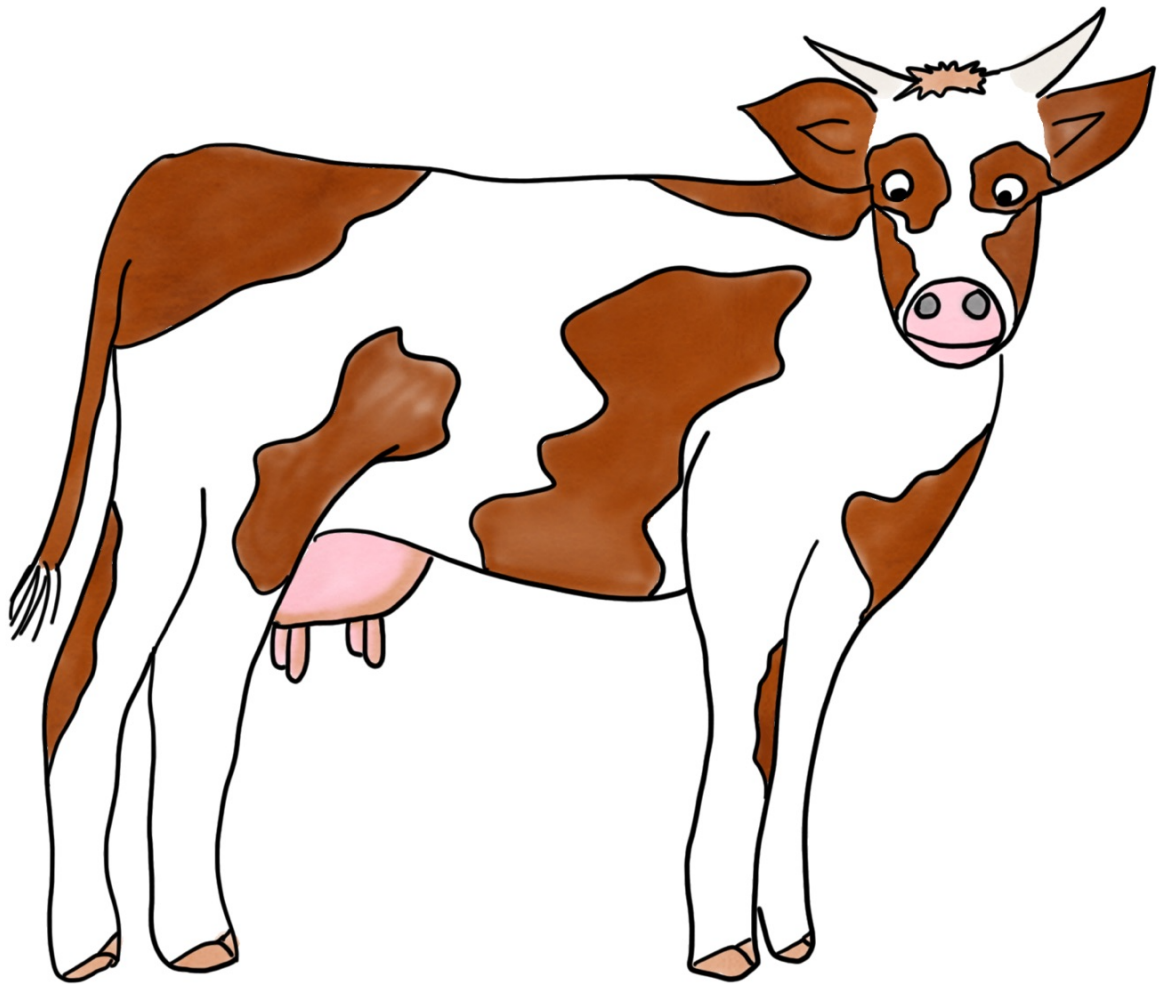
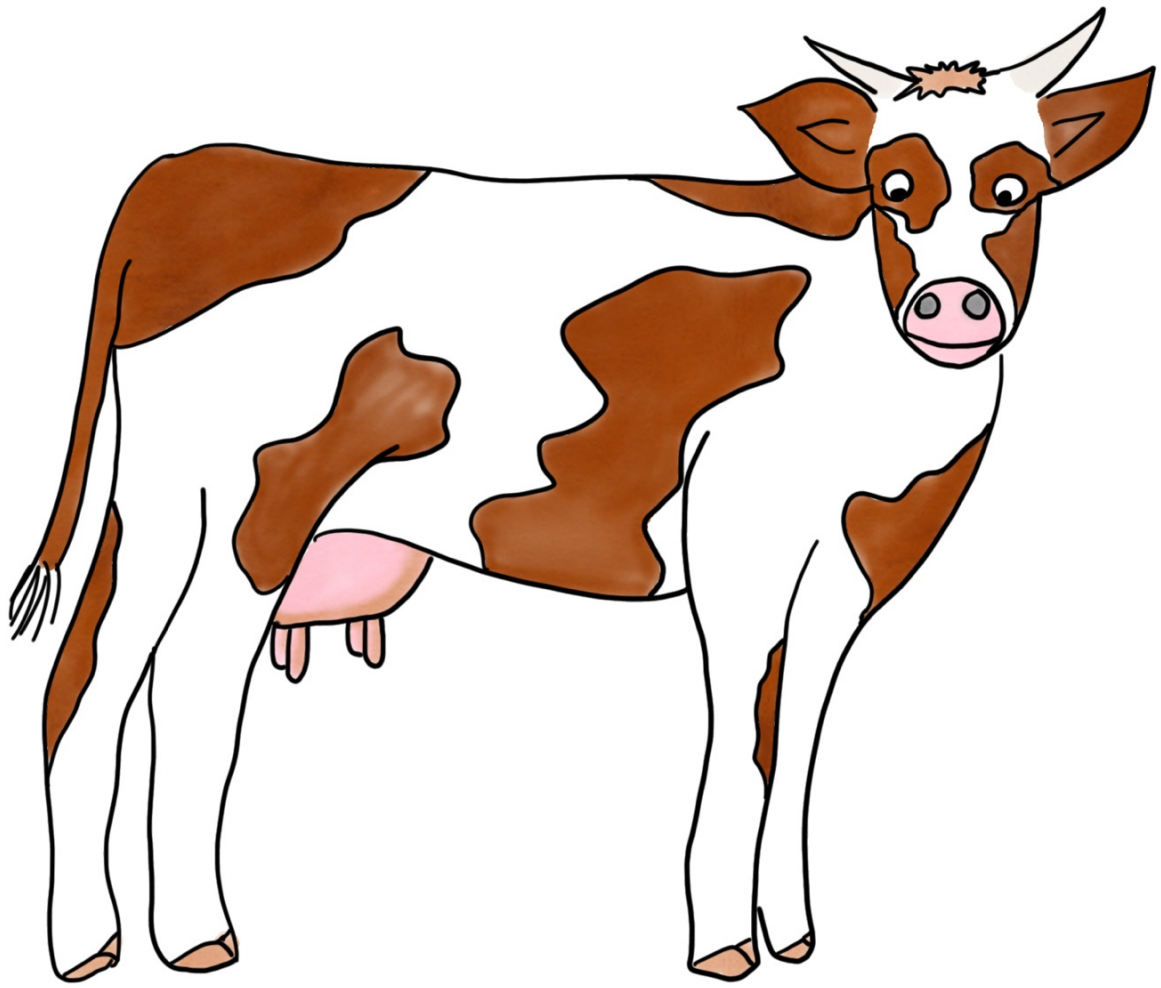
Datum: \_\_\_\_\_

## 48 Beine

Ein Bauer hat auf seinem Hof Kühe und Hühner.  
Einige davon sind im Stall. Der Bauer zählt 48 Beine.  
Wie viele Kühe und Hühner könnten es sein?

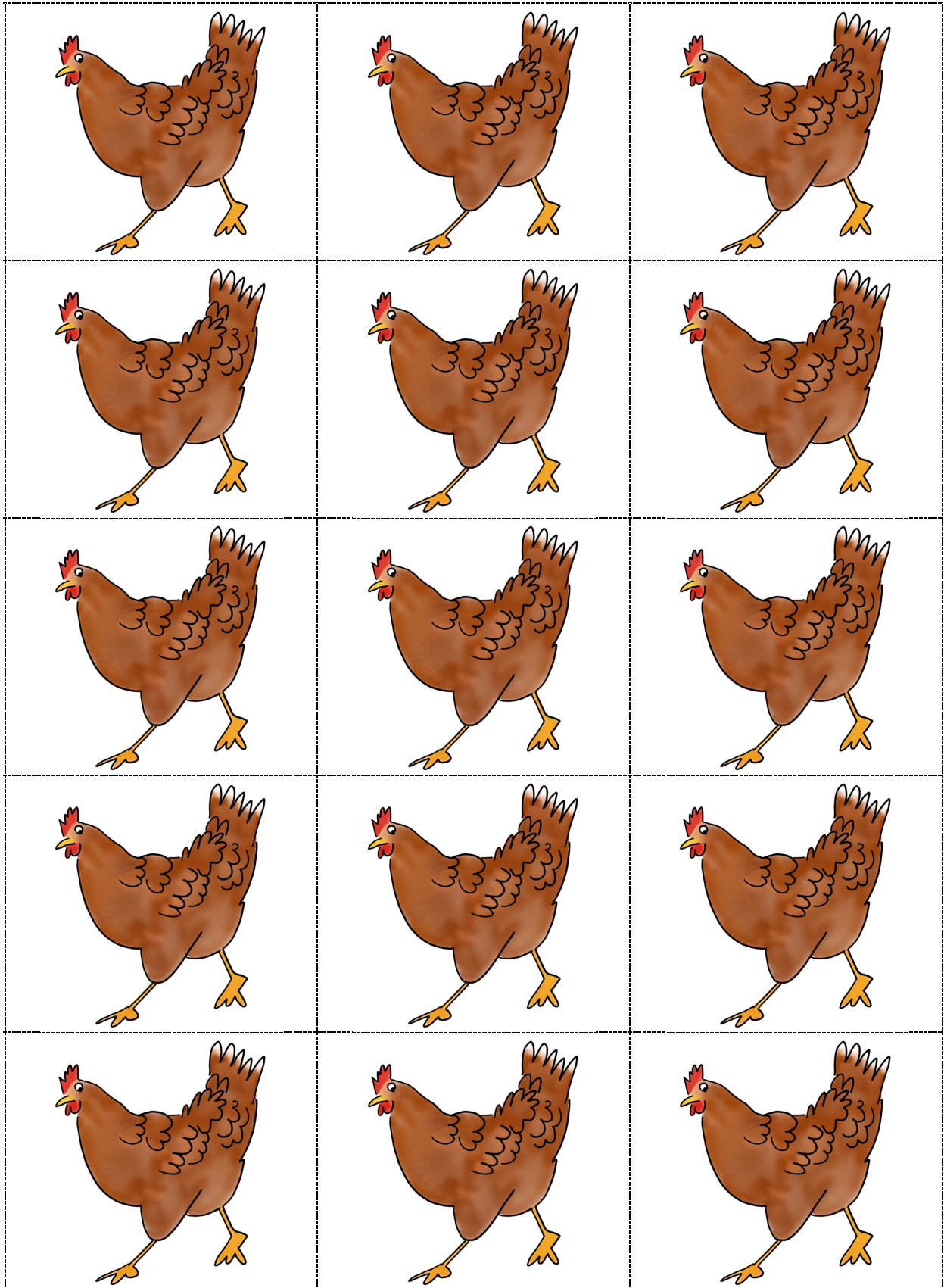




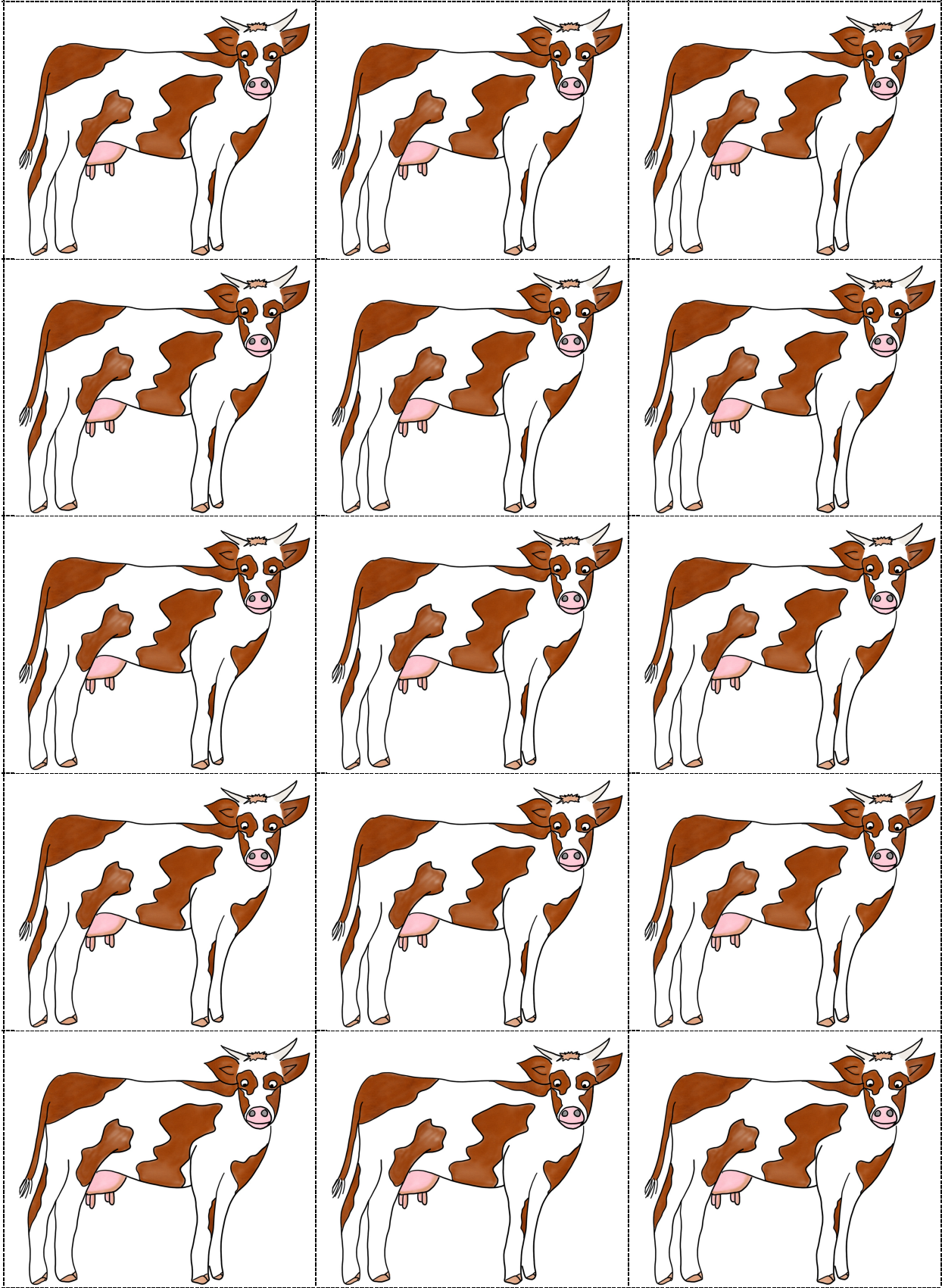




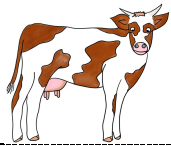

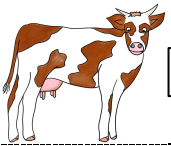

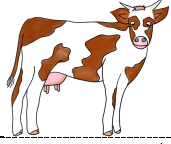

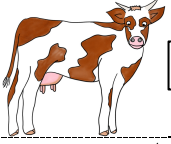

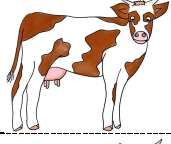

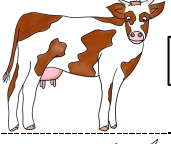

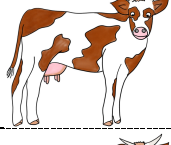
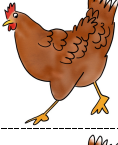
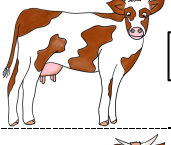
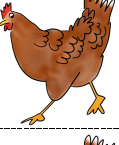
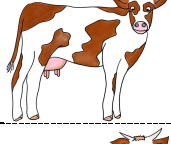
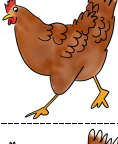
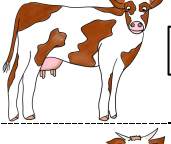
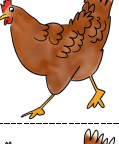
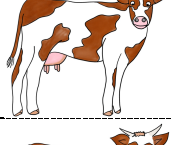
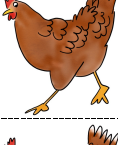
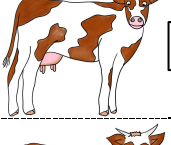
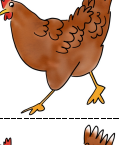
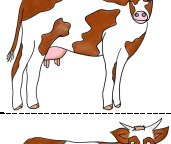
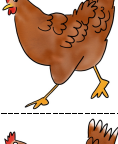
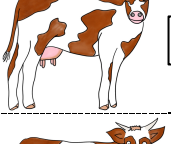
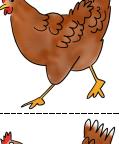
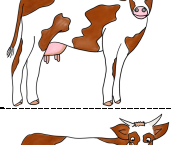
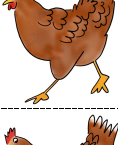
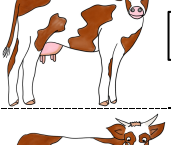
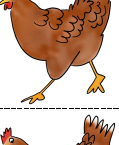
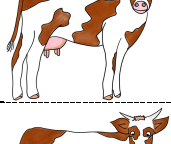
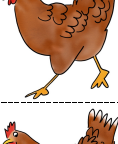
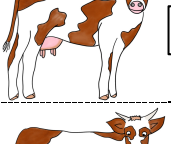
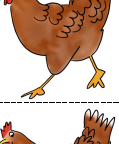
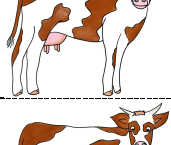
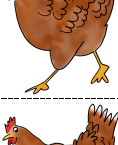
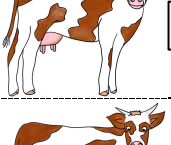
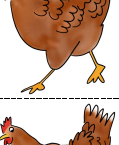
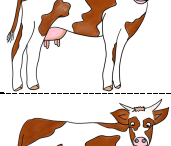
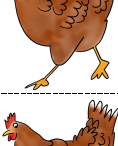
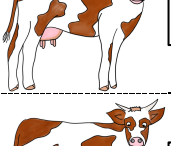
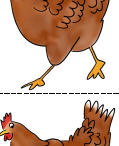




# Vorlage - Hühner



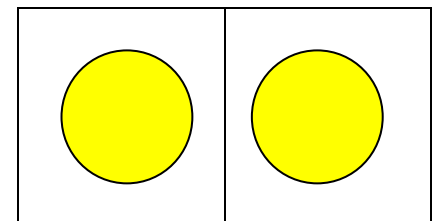
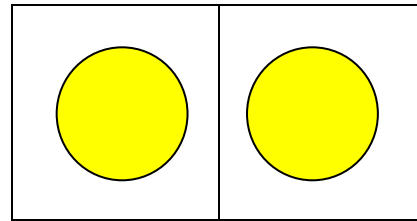
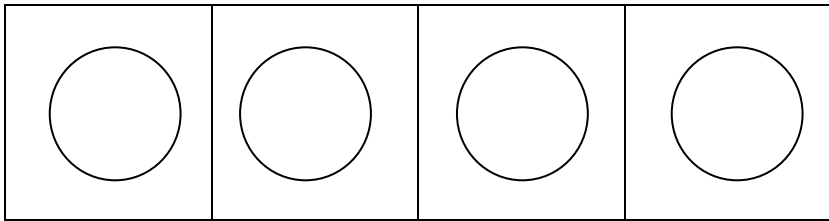
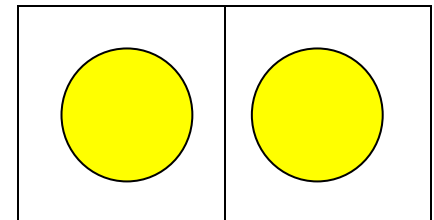
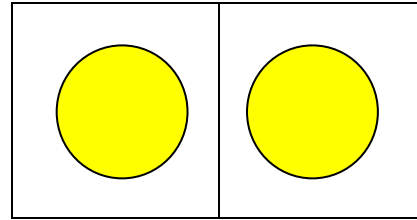
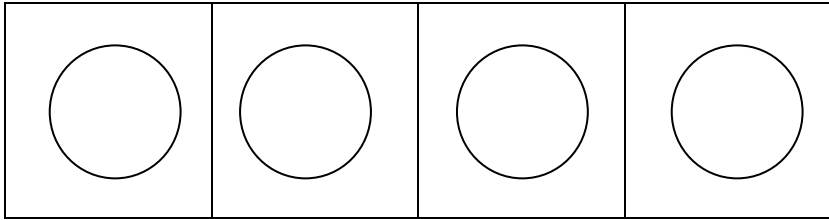
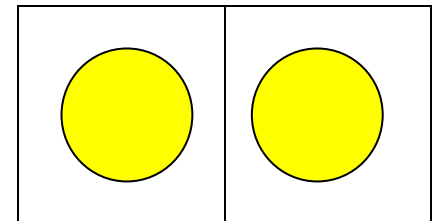
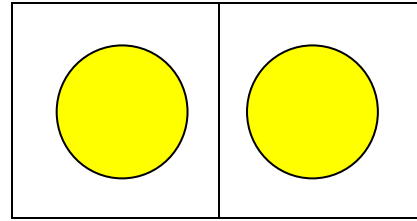
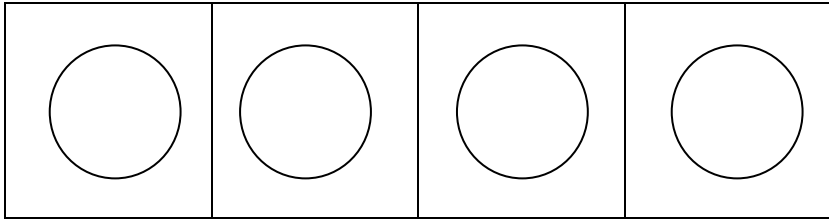
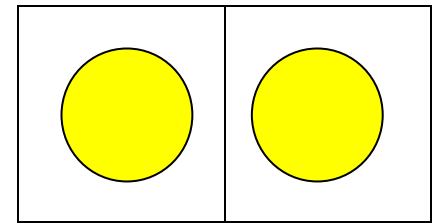
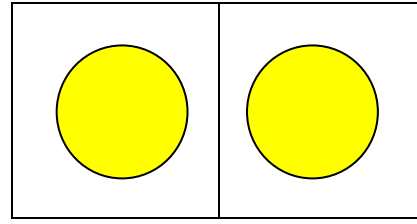
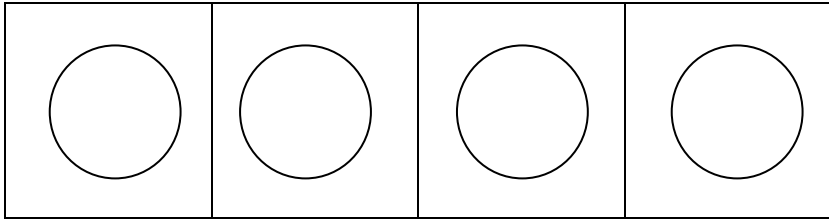
Vorlage - Kühe



# Vorlage - Trefferstreifen

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# Materialpaket Klasse 3

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## Hirsche und Spechte





Name: \_\_\_\_\_

Datum: \_\_\_\_\_

## 32 Beine

Eine Eule fliegt über den See im Wald. Dort leben Hirsche und Spechte. Einige davon sitzen am Ufer. Die Eule zählt 32 Beine. Wie viele Hirsche und Spechte könnten es sein?



Name: \_\_\_\_\_

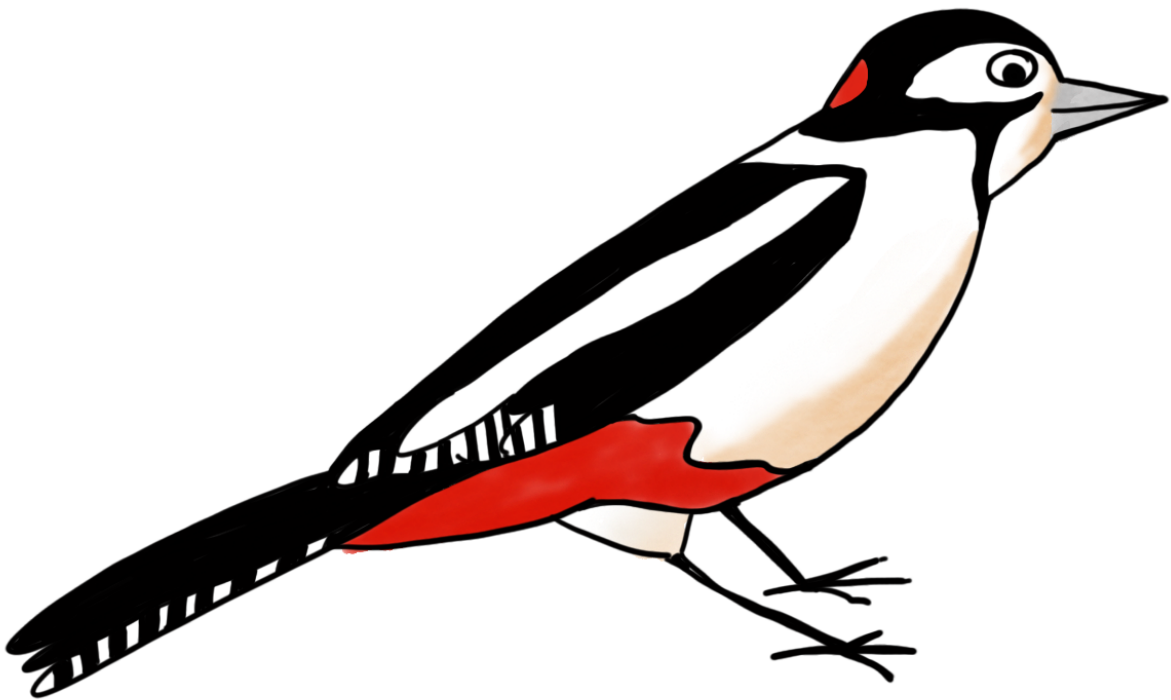
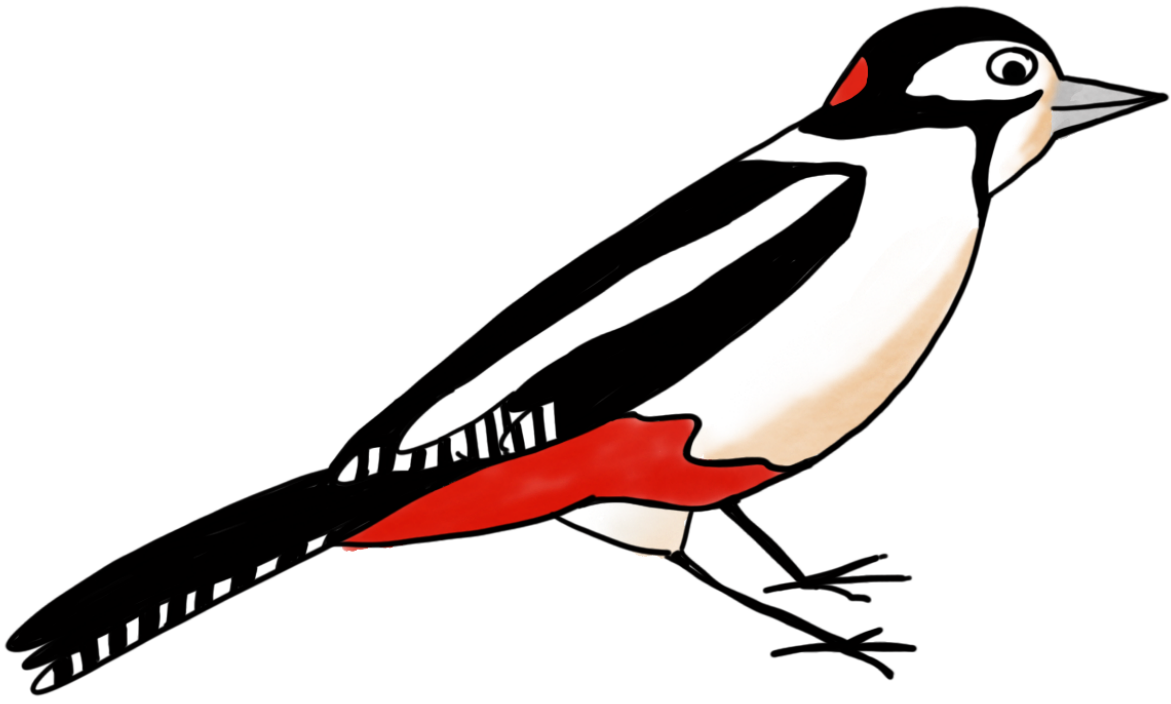
Datum: \_\_\_\_\_

## 64 Beine

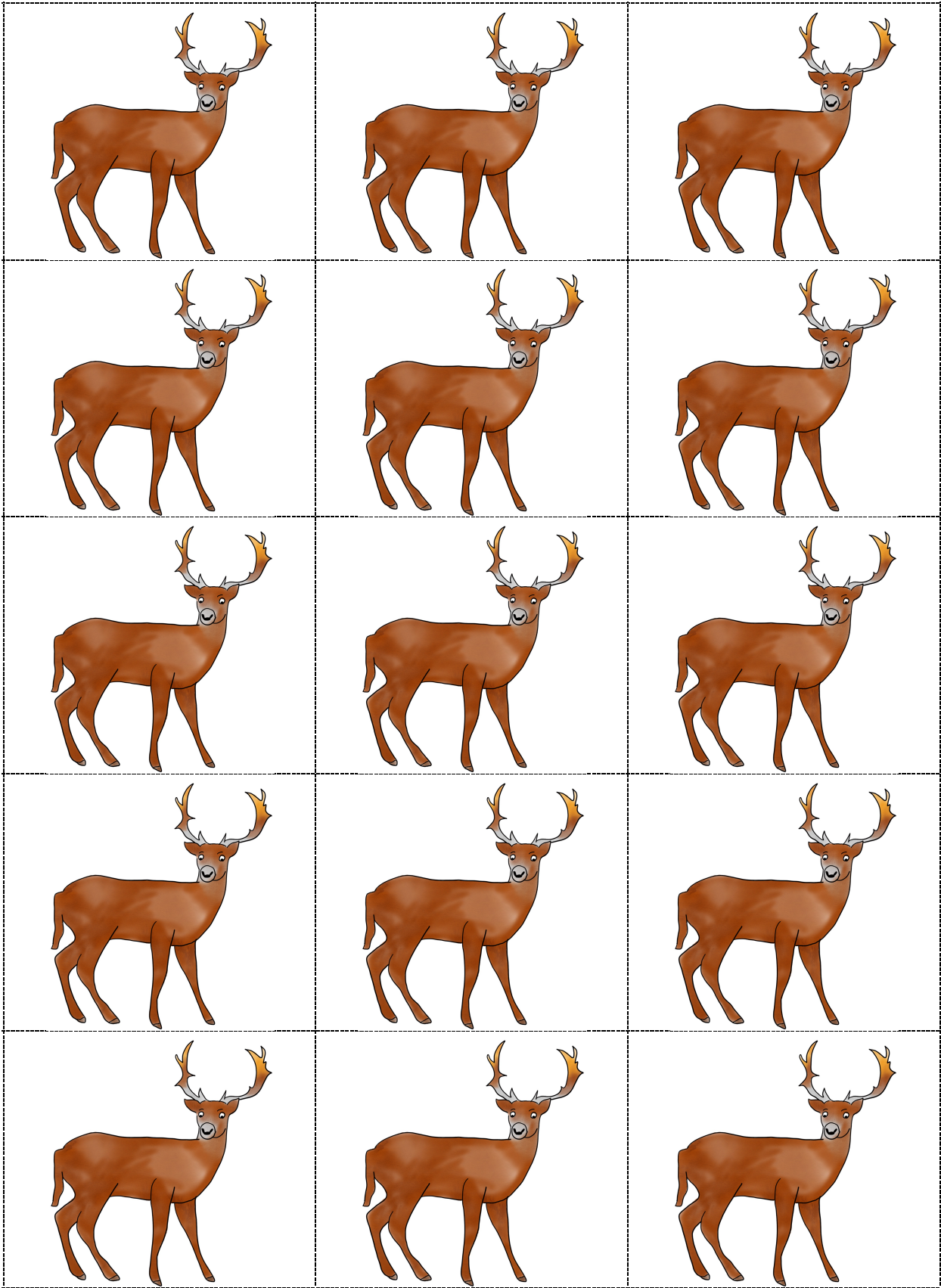
Eine Eule fliegt über den See im Wald. Dort leben Hirsche und Spechte. Einige davon sitzen am Ufer. Die Eule zählt 64 Beine. Wie viele Hirsche und Spechte könnten es sein?



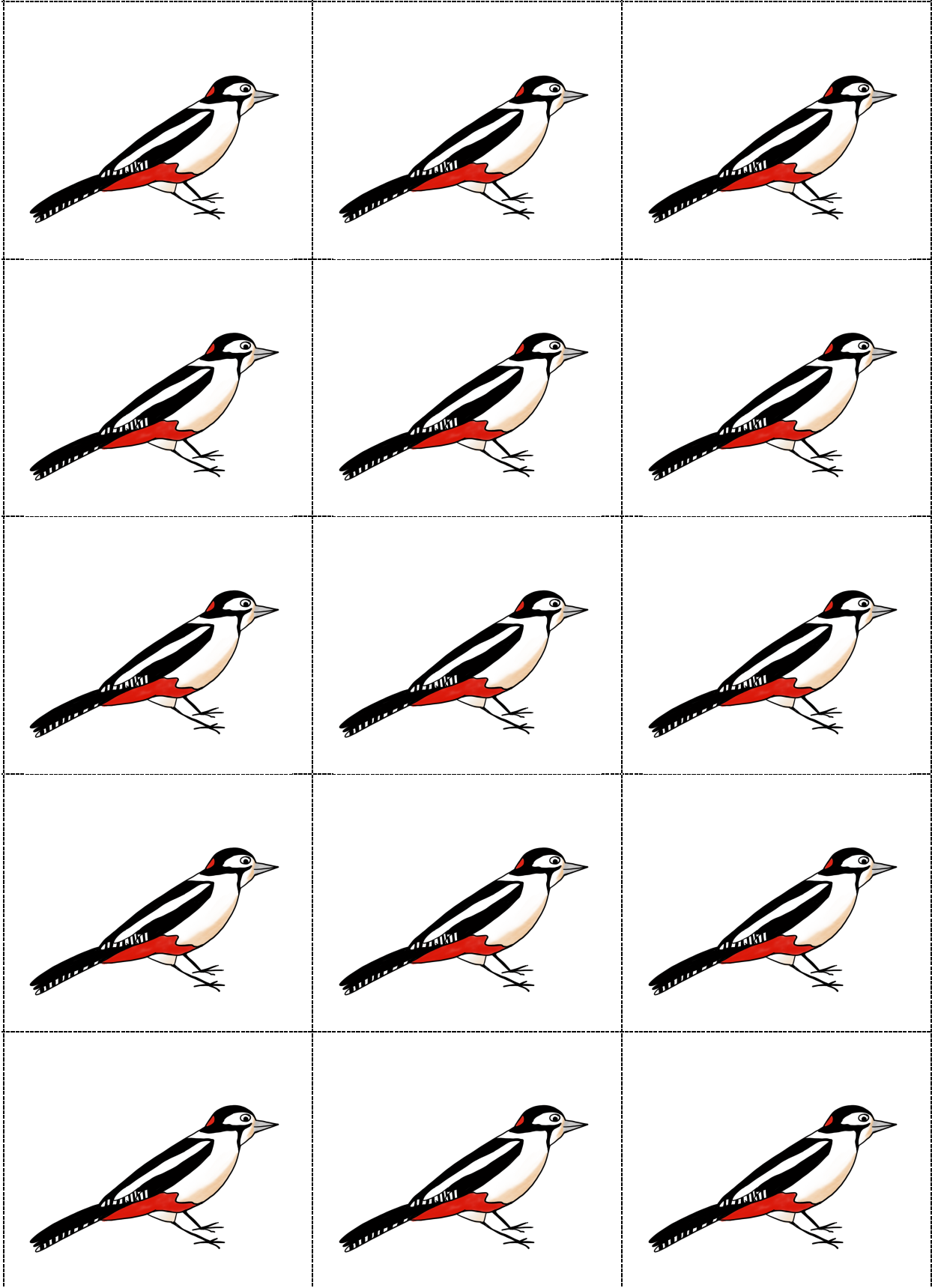




# Vorlage - Hirsche



















































Vorlage - Spechte





# Vorlage - Trefferstreifen

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# Materialpaket Klasse 4

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## Käfer, Spinnen (und Frösche)



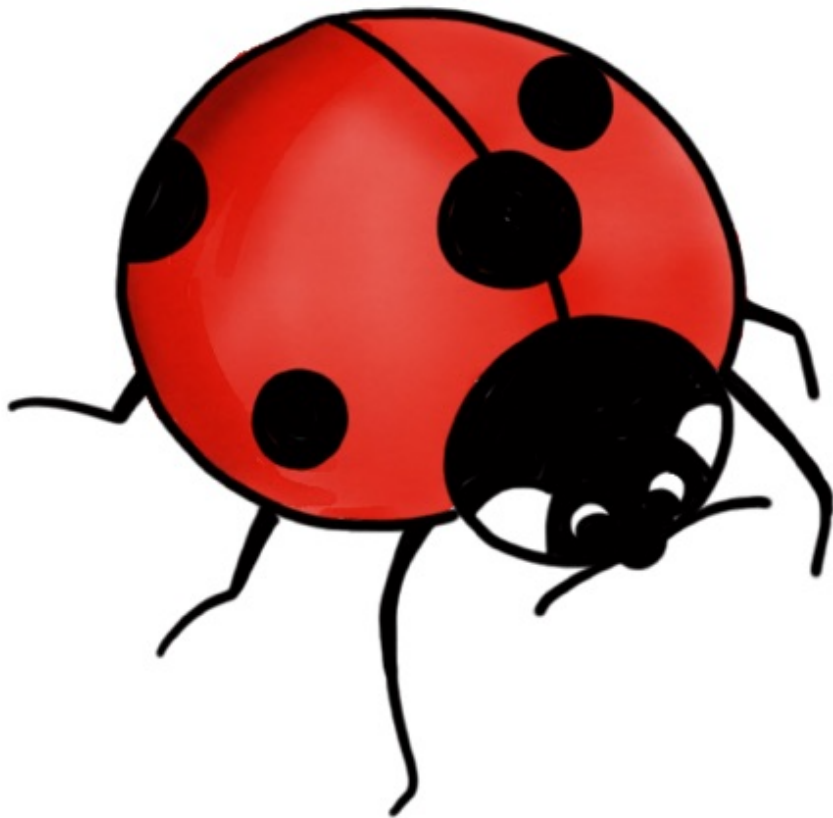
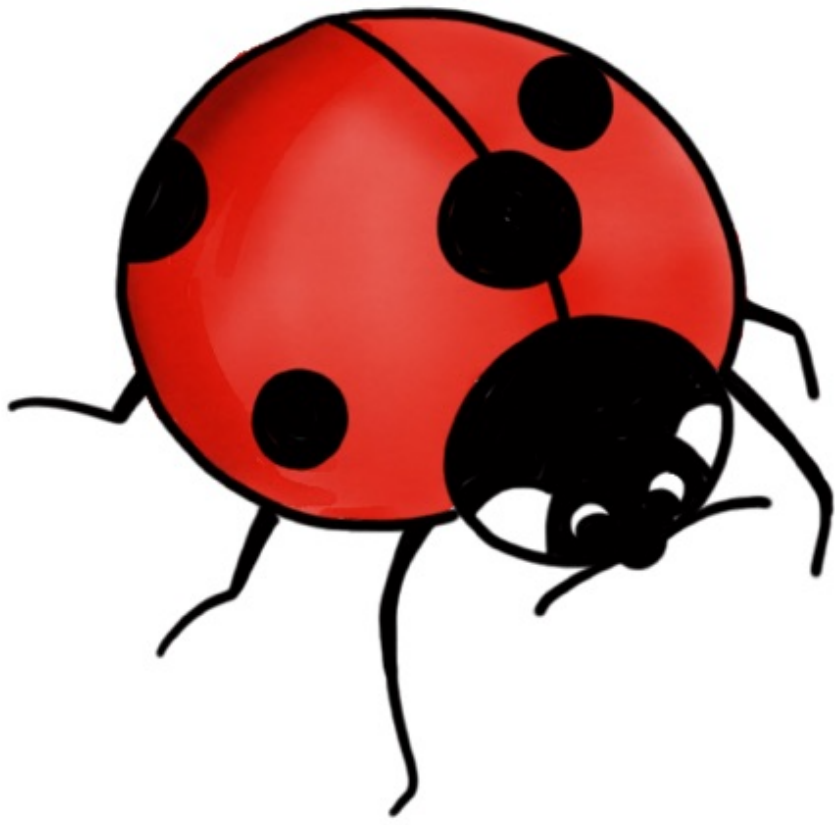
Name: \_\_\_\_\_

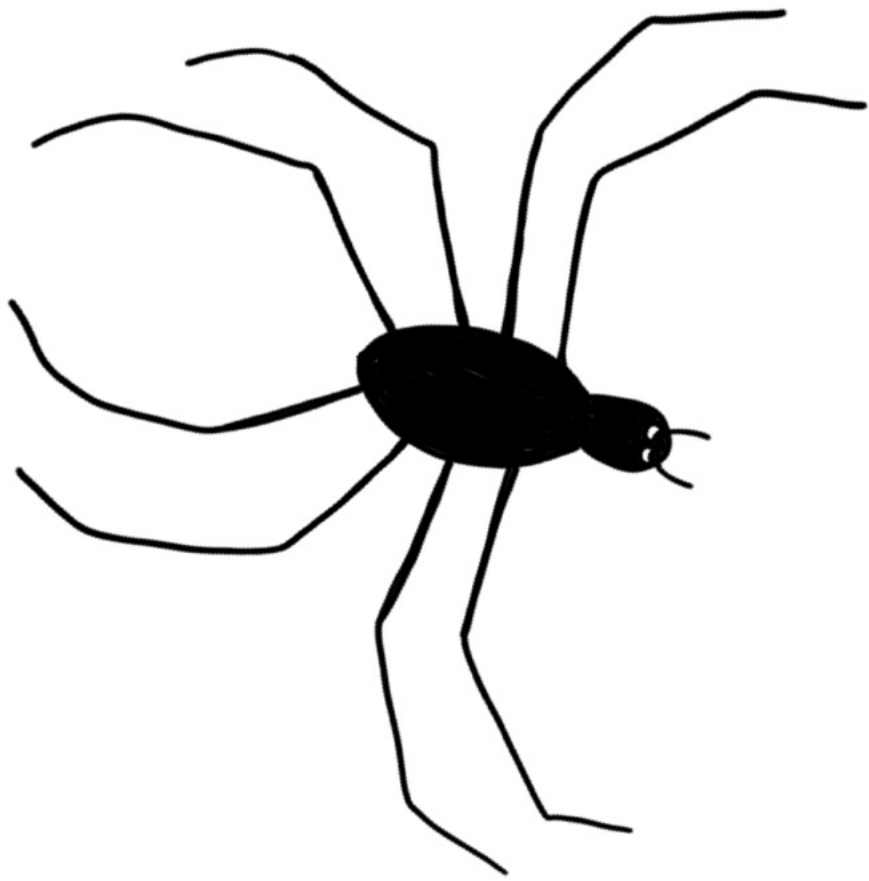
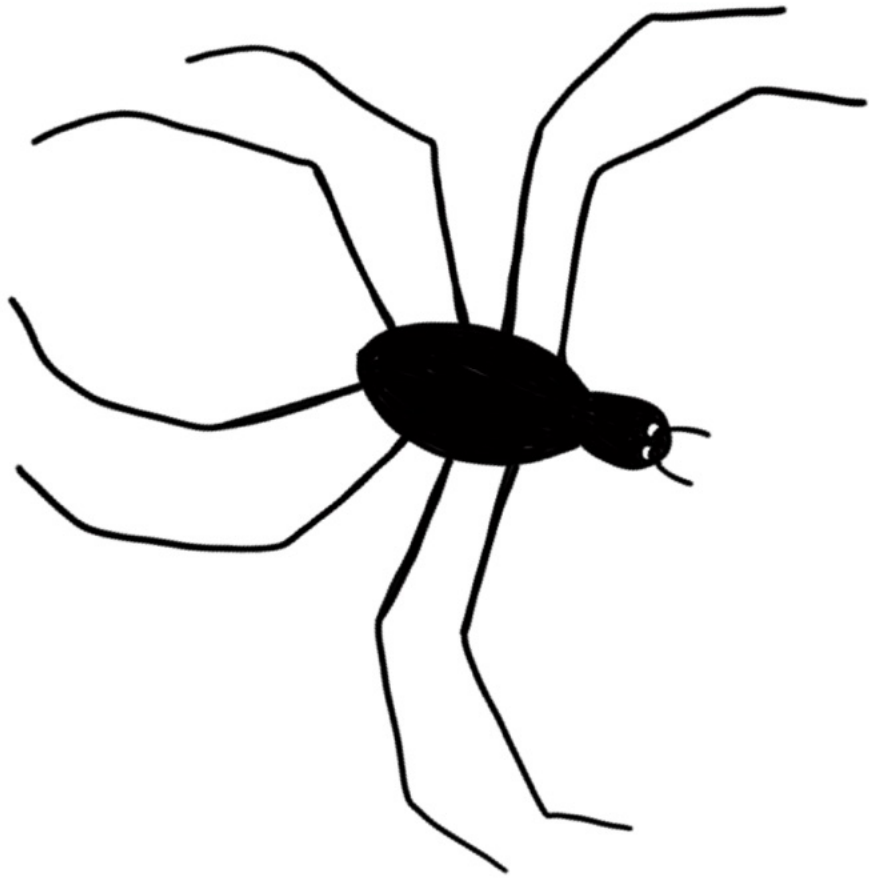
Datum: \_\_\_\_\_

## 84 Beine

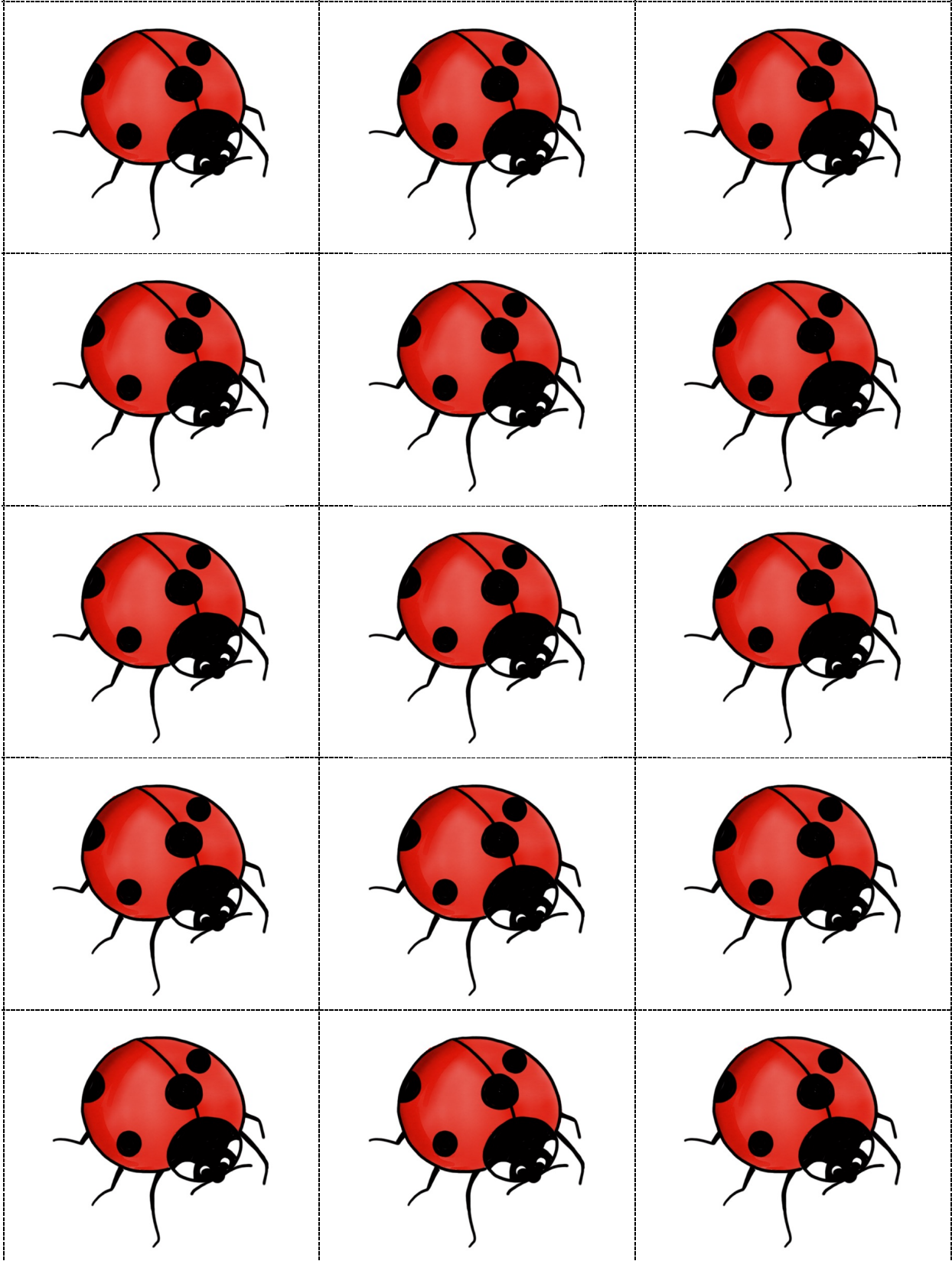
Eine Eule fliegt über den See im Wald. Dort leben Spinnen und Käfer. Einige davon sitzen am Ufer. Die Eule zählt 84 Beine. Wie viele Spinnen und Käfer könnten es sein?





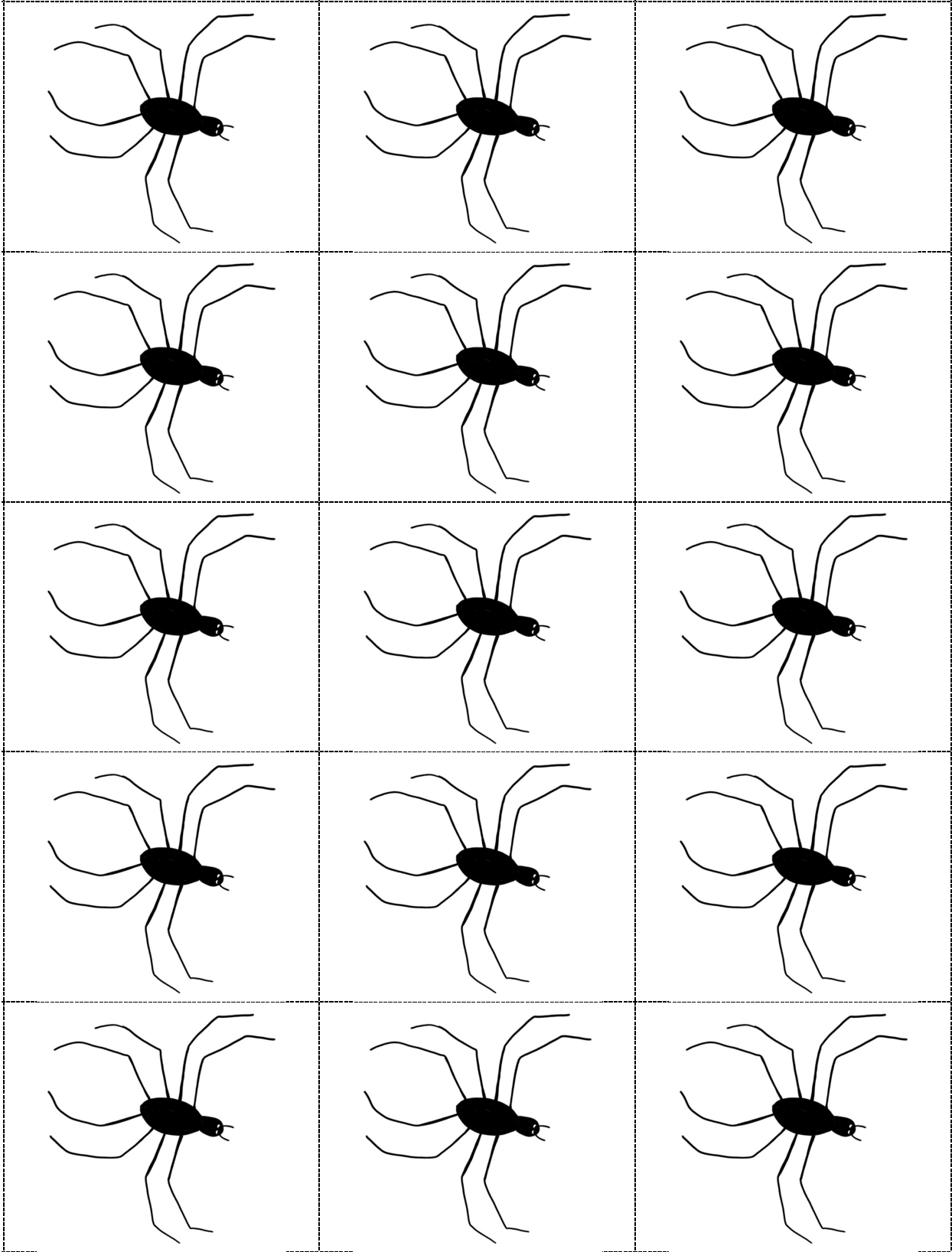


Vorlage - Käfer




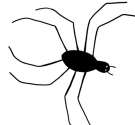

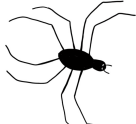

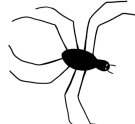

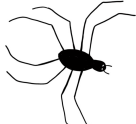

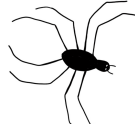

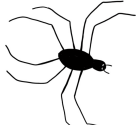

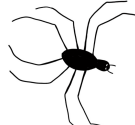



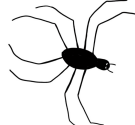

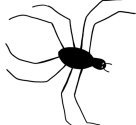

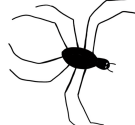

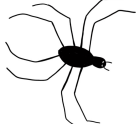

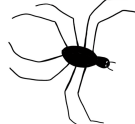

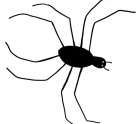

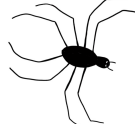

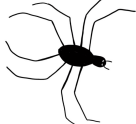

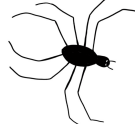

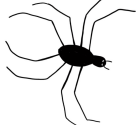

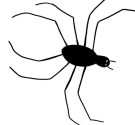

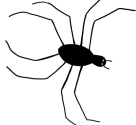

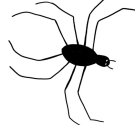



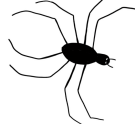




# Vorlage - Spinnen



# Vorlage - Trefferstreifen

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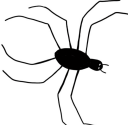





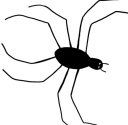


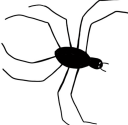


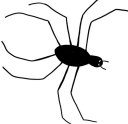


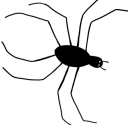





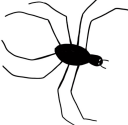











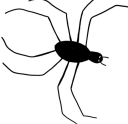
Datum: \_\_\_\_\_

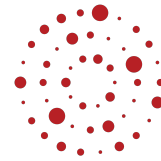
## 84 Beine

Eine Eule fliegt über den See im Wald. Dort leben Spinnen, Käfer und Frösche. Einige davon sitzen am Ufer. Die Eule zählt 84 Beine. Wie viele Spinnen, Käfer und Frösche könnten es sein?



# Vorlage - Trefferstreifen

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**Entwickelt von:** Christoph Bigalke, Yvonne Brattoli, Stefanie Burkhardt, Sandra Christmann, Matthias Hacket, Christine Kullen

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Heilbronner Straße 314, 70469 Stuttgart  
Telefon: 0711 21859-0  
Telefax: 0711 21859-701  
E-Mail: [poststelle@zsl.kv.bwl.de](mailto:poststelle@zsl.kv.bwl.de)  
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