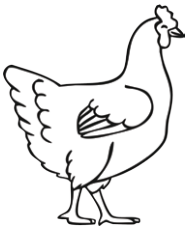
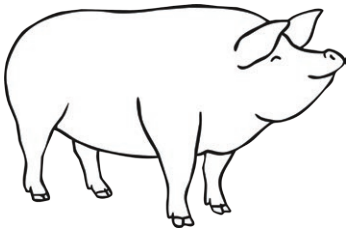
Farmyard Chaos!

Farmer Giles has lots of animals on his farm. He has lots of chickens and pigs.

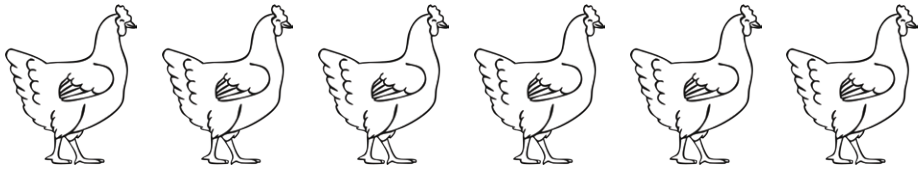




One morning, he looked outside his window. It was a foggy morning and he couldn't see the animals on the hillside. He could only see 12 legs! He didn't know which animals he was looking at.

Can you help Farmer Giles work out which animals he might be looking at?

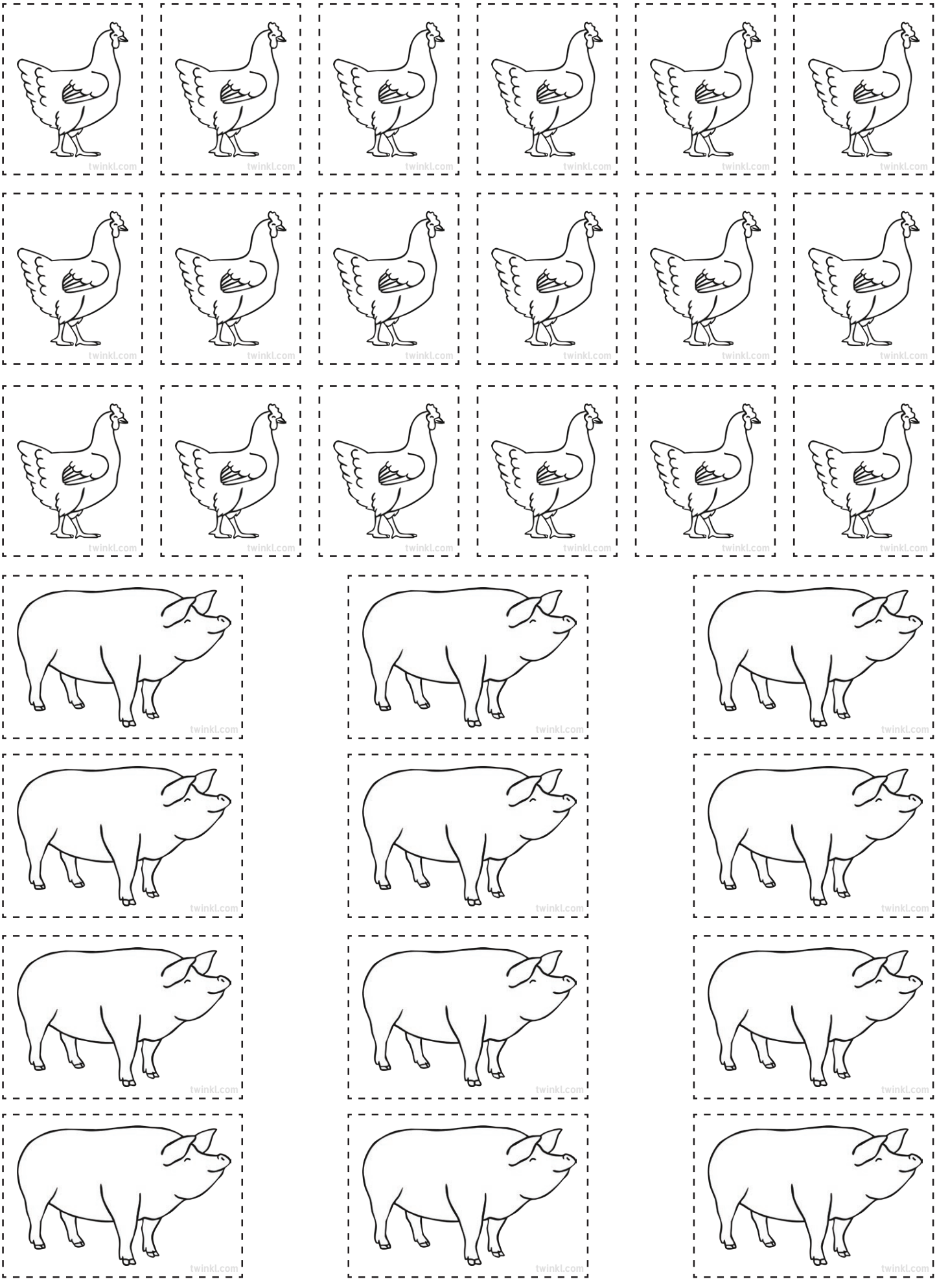
Example:



2 2 2 2 2 2

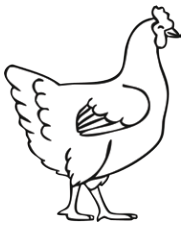
Each chicken has 2 legs. 6 × 2 = 12

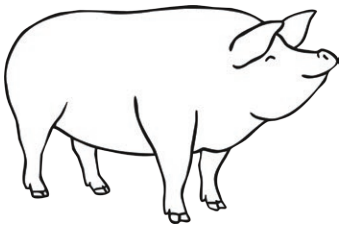
Which other combinations of legs can you find?



Farmyard Chaos!

Farmer Giles has lots of animals on his farm. He has lots of chickens and pigs.

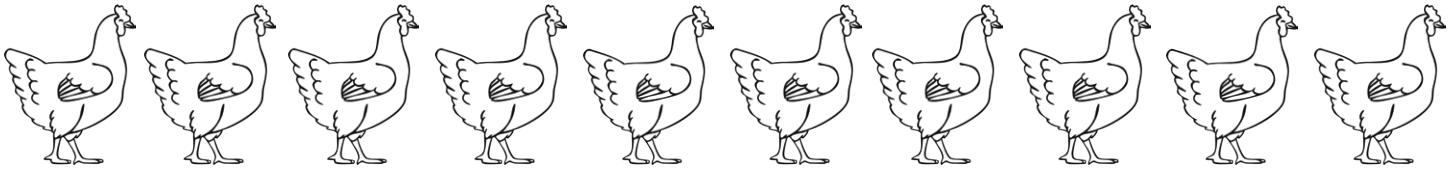




One morning, he looked outside his window. It was a foggy morning and he couldn't see the animals on the hillside. He could only see 20 legs! He didn't know which animals he was looking at.

Can you help Farmer Giles work out which animals he might be looking at?

Example:



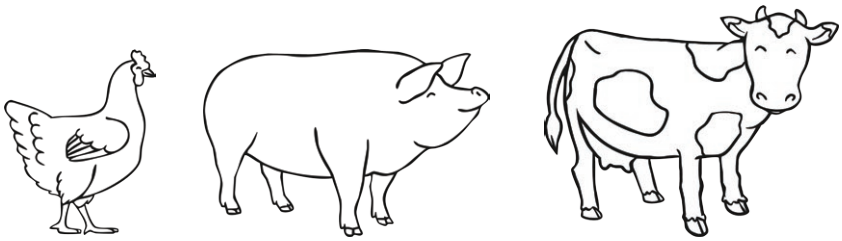
2 2 2 2 2 2 2 2 2 2

Each chicken has 2 legs. 10 × 2 = 20

Which other combinations of legs can you find?

Farmyard Chaos!

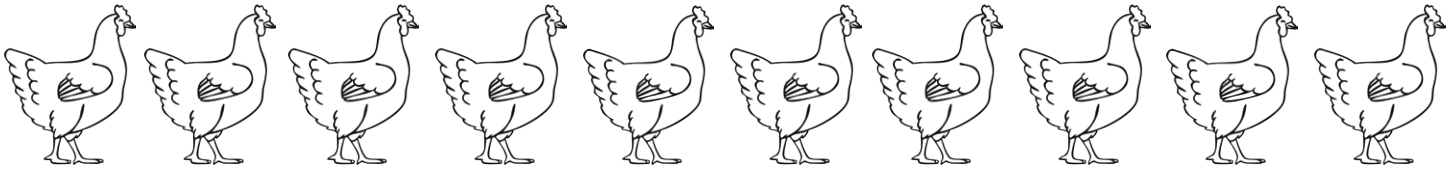
Farmer Giles has lots of animals on his farm. He has lots of chickens, pigs and cows.



One morning, he looked outside his window. It was a foggy morning and he couldn't see the animals on the hillside. He could only see 20 legs! He didn't know which animals he was looking at.

Can you help Farmer Giles work out which animals he might be looking at?

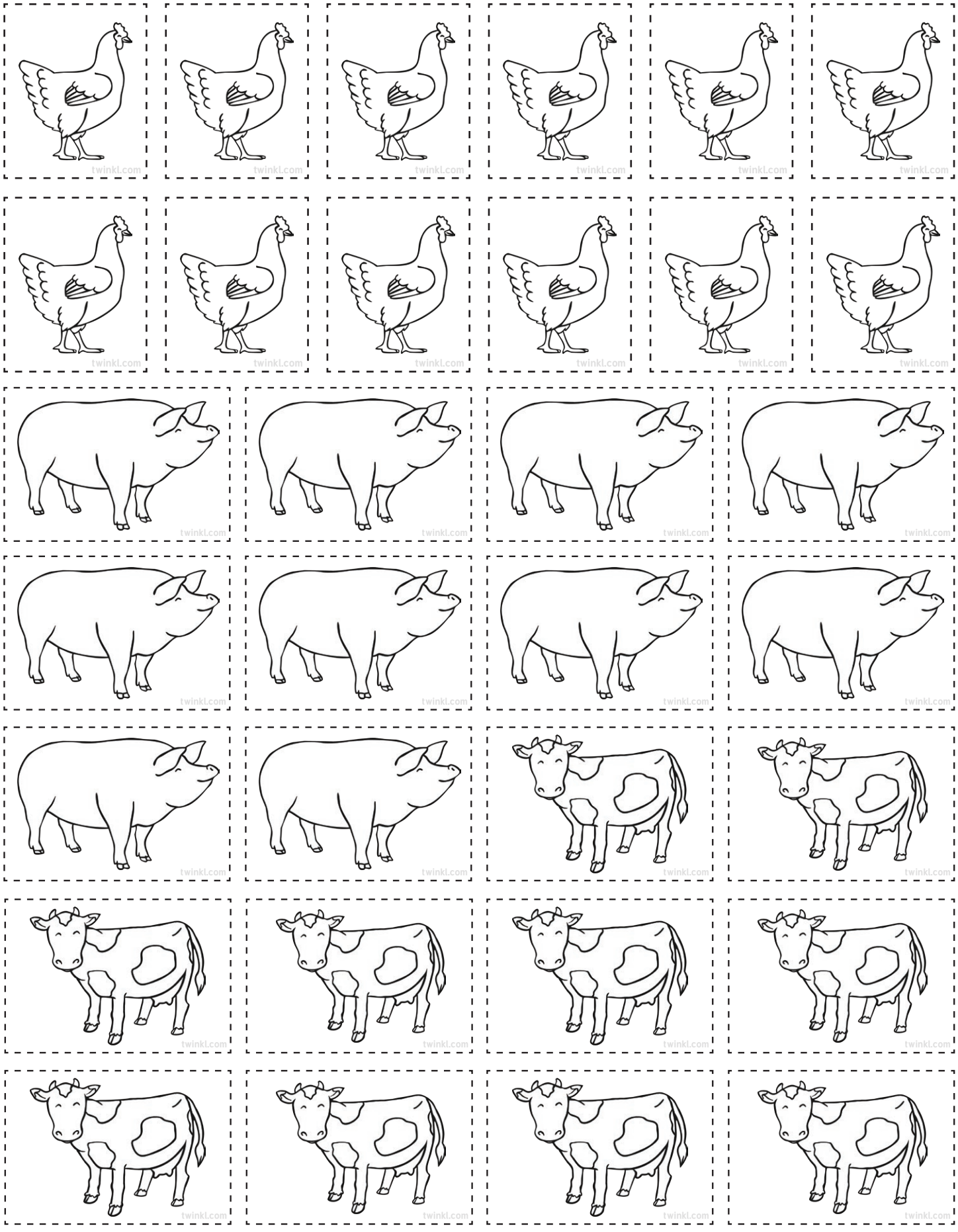
Example:



2 2 2 2 2 2 2 2 2 2

Each chicken has 2 legs. 10 × 2 = 20

Which other combinations of legs can you find?



Farmyard Chaos! **Answers**

★	★★	★★★
12 legs could be: **6 chickens (6 x 2 = 12)** **3 pigs (4 x 3 = 12)** **2 chickens and 2 pigs (4 + 8 = 12)** **1 pig and 4 chickens (4 + 8 = 12)**	**20 legs could be:** **10 chickens (10 x 2 = 20)** **5 pigs (5 x 4 = 20)** **1 pig and 8 chickens (4 + 16)** **2 pigs and 6 chickens (8 + 12)** **3 pigs and 4 chickens (12 + 8)** **4 pigs and 2 chickens (16 + 4)**	**20 legs could be:** **10 chickens (10 x 2 = 20)** **5 pigs (5 x 4 = 20)** **1 pig and 8 chickens (4 + 16)** **2 pigs and 6 chickens (8 + 12)** **3 pigs and 4 chickens (12 + 8)** **4 pigs and 2 chickens (16 + 4)** **5 cows (5 x 4 = 20)** **1 cow and 8 chickens (4 + 16)** **2 cows and 6 chickens (8 + 12)** **3 cows and 4 chickens (12 + 8)** **4 cows and 2 chickens (16 + 4)** **1 cow and 4 pigs (4 + 16)** **2 cows and 3 pigs (8 + 12)** **3 cows and 2 pigs (12 + 8)** **4 cows and 1 pig (16 + 4)** **1 cow, 1 pig and 6 chickens (4 + 4 + 12)** **2 cows, 1 pig and 4 chickens (8 + 4 + 8)** **3 cows, 1 pig and 2 chickens (12 + 4 + 4)** **2 pigs, 1 cow and 4 chickens (8 + 4 + 8)** **3 pigs, 1 cow and 2 chickens (12 + 4 + 4)**