

Crane Spotting **Answers**

How many individual cranes were there in 2019?

There were 56 breeding pairs. Therefore to calculate the number of individual cranes, double the number of pairs:

$$56 \times 2 = 112 \text{ breeding cranes}$$

How many more than in 2016?

There were 20 breeding cranes in 2016.

$$112 - 20 = 92 \text{ breeding cranes}$$

If the number continues to increase at the same rate how many pairs will there be by 2028?

There were 20 breeding cranes in 2016, which means there were 10 breeding pairs.

$$56 - 10 = 46 \text{ breeding pairs}$$

There was an increase of 46 breeding pairs every three years.

From 2019 to 2028 is nine years (or three lots of three years):

$$46 \times 3 = 138$$

There is an increase of 138 pairs over nine years to 2028.

Finally, add this increase to the previous total:

$$56 + 138 = 194 \text{ breeding pairs}$$