

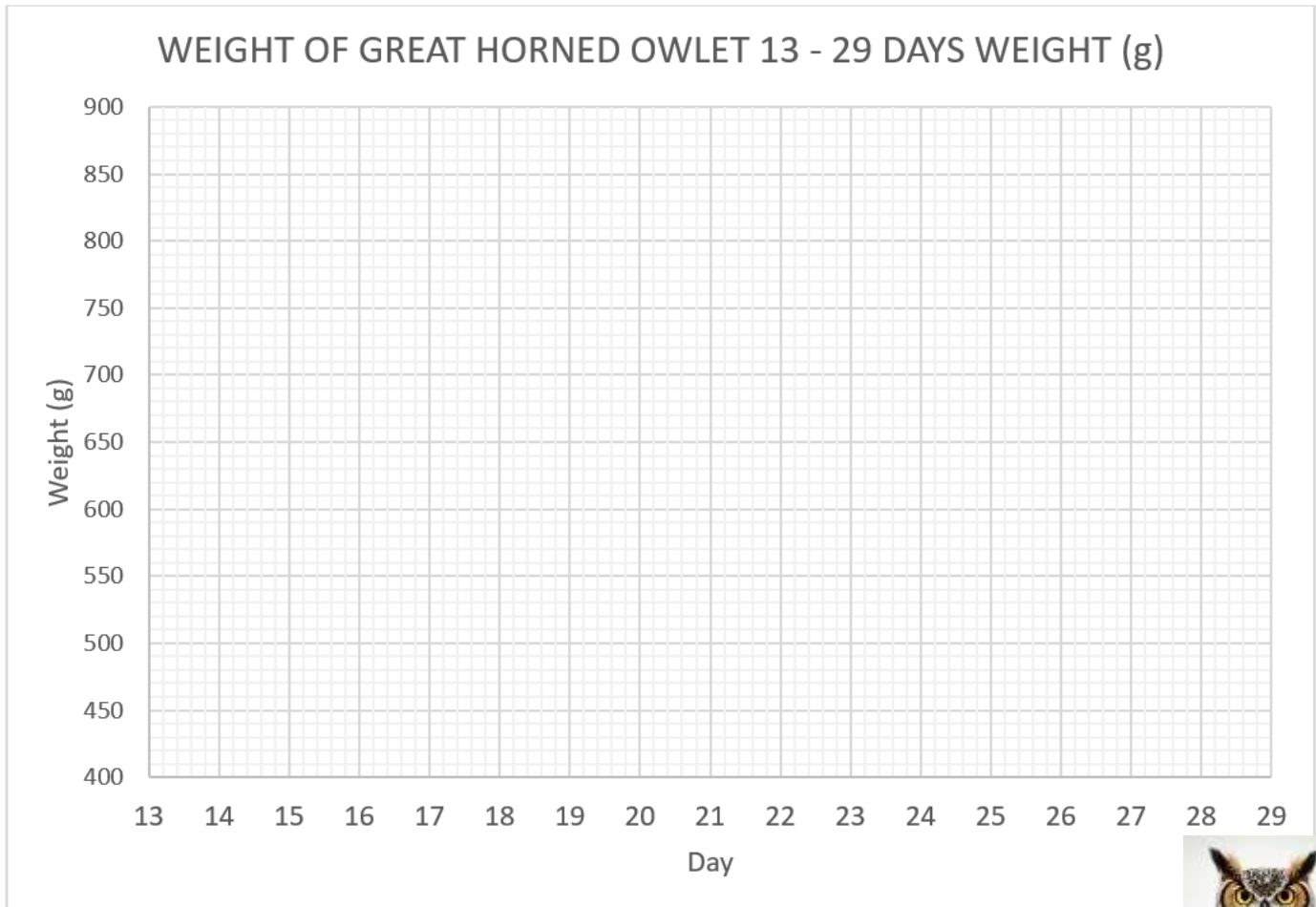
Name \_\_\_\_\_

Date \_\_\_\_\_



# LINE GRAPH WORKSHEET 6F GREAT HORNED OWLETS

This line graph shows the weight of a male Great Horned Owllet from 13 to 29 days.



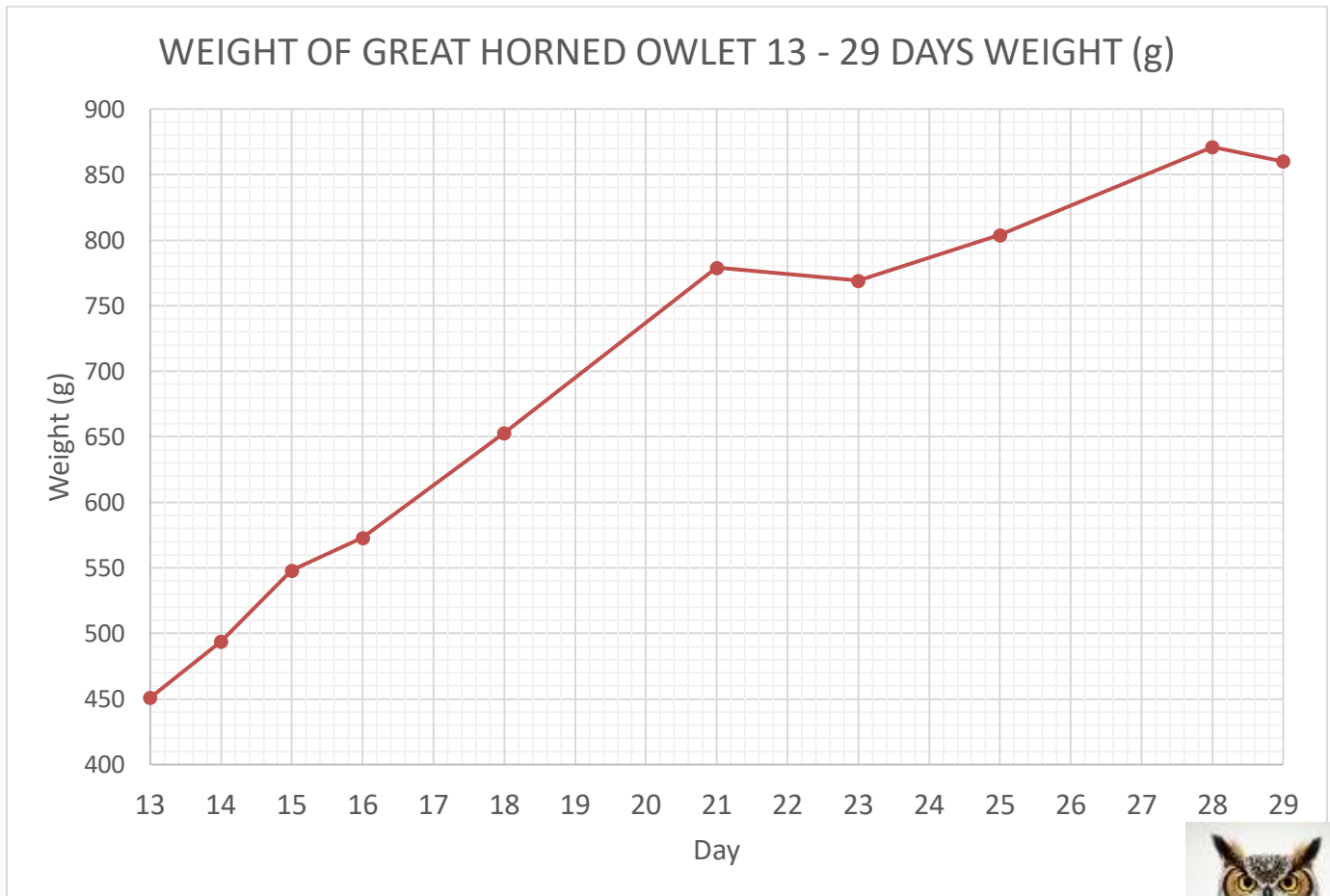
Source: International Owl Center, Houston

Day	13	14	15	16	18	21	23	25	28	29
Weight (g)	451	494	548	573	653	779	769	804	871	860
Order										

- 1) Complete the line graph showing the weight of the owllet.
- 2) Put the set of weights in order from smallest to largest in the bottom row of the table.
- 3) What is the **range** of weights recorded in the table? \_\_\_\_\_
- 4) What is the **median** weight? \_\_\_\_\_
- 5) What is the **mean** weight of the owllet from the table? \_\_\_\_\_
- 6) Tyger says that the owllet gets heavier each day. Is he right? Explain why.



## LINE GRAPH WORKSHEET 6F GREAT HORNED OWLETS ANSWERS



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Weight (g)	451	494	548	573	653	779	769	804	871	860
Order	451	494	548	573	653	769	779	804	860	871

- 1) Complete the line graph showing the weight of the owlet.
- 2) Put the set of weights in order from smallest to largest in the bottom row of the table.
- 3) What is the **range** of weights recorded in the table?  $871 - 451 = 420g$
- 4) What is the **median** weight?  $= (653 + 769) / 2 = 711 g$
- 5) What is the **mean** weight of the owlet from the table?  $6802 \div 10 = 680.2 g$
- 6) Tyger says that the owlet gets heavier each day. Is he right? Explain why.

He is not right because between Day 21 and Day 23, and also between Day 28 and Day 29 the weight of the owlet decreases.