

Additional Practice 13-3

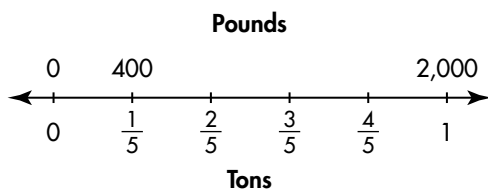
Equivalence with Customary Units of Weight

Another Look!

The world's largest horse weighed almost 3,000 pounds. An average mature male horse weighs about $\frac{3}{5}$ ton. How much more did the largest horse weigh than an average horse?

Step 1

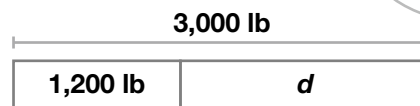
Convert the weight of the average horse to pounds. Use the model.



$$\frac{3}{5} \text{ tons} = 1,200 \text{ pounds}$$

Step 2

Find the difference.



$$d = 3,000 - 1,200$$

$$d = 1,800$$

The world's largest horse weighed 1,800 pounds more than an average male horse.

There are 2,000 pounds in a ton.



In 1–3, write $>$ or $<$ in each to compare the measures.

1. 8 ounces 8 pounds 2. 75 ounces 5 pounds 3. 7,000 pounds 3 tons

For 4–7, convert each unit.

4. 21 pounds = _____ ounces 5. 8 tons = _____ pounds
6. 6 tons = _____ pounds 7. $\frac{1}{2}$ pound = _____ ounces

For 8–9, complete each table.

8.

Tons	Pounds
1	2,000
2	
3	

9.

Pounds	Ounces
1	16
2	
3	



For 10–12, use the table and art shown at the right.



Heidi's two guinea pigs each weigh $2\frac{1}{2}$ pounds.

10. **Be Precise** What is the total weight in ounces of Heidi's two guinea pigs?
11. **Be Precise** What is the total weight in ounces of the food for Heidi's guinea pigs?
12. **Higher Order Thinking** A pound of guinea-pig pellets is about 3 cups of food. Each guinea pig eats $\frac{1}{4}$ cup of pellets a day. How many days will the pellets last? Explain.



DATA

Food for Heidi's Guinea Pigs

Food	Weight
Grass or hay	40 ounces
Vegetables	15 ounces
Pellets	5 pounds

13. **Number Sense** Which product is greater, 9×15 or 9×17 ? Explain how you can tell without finding the products.
14. Which is greater, $\frac{1}{12}$ pound or 2 ounces? Explain.

Assessment Practice

15. Which is most likely to weigh 4 tons?  4.MD.1.1
- (A) A cherry
 - (B) A man
 - (C) A bag of potatoes
 - (D) A helicopter
16. Which comparison is true?  4.MD.1.1
- (A) 5,000 pounds $<$ 2 tons
 - (B) 6 pounds $>$ 98 ounces
 - (C) 36 ounces $<$ 2 pounds
 - (D) 4 pounds $>$ 60 ounces