

Pound Power

Estimate and weigh objects in pounds.

GRADE 2 • 2.MG.1.b.ii

2.MG.1.b.ii "Use U.S. Customary units to estimate, measure, and compare the two for reasonableness: the weight of an object to the nearest pound, using a scale; and"

NAME _____

DATE _____

WEIGHING IN POUNDS

Pounds tell how heavy an object is. First, make a smart estimate. Then read the scale to the nearest pound. A reasonable estimate is close to the scale reading.

WORKED EXAMPLE

A bag of potatoes is estimated to weigh 7 lb. A scale reads 8 lb. Is the estimate reasonable?

1. Read the scale: 8 lb.
2. Compare 7 lb and 8 lb.
3. The estimate is only 1 lb away.

Answer: Yes, 7 lb is a reasonable estimate.

PRACTICE 5 problems

- 1** A scale under a toy dump truck reads 2 lb. The truck weighs ____ lb.

ANSWER _____

- 2** A lunchbox weighs 3 lb on a scale. Circle the reasonable estimate: 1 lb or 3 lb.

ANSWER _____

- 3** A small pumpkin weighs 6 lb. A stuffed bear weighs 4 lb. Which is heavier?

ANSWER _____

- 4** Nora estimates her bag of apples weighs 5 lb. The scale reads 4 lb. Is Nora's estimate reasonable?

ANSWER _____

- 5** A scale shows a soccer ball weighs 1 lb. A book weighs 2 lb. Which is lighter?

ANSWER _____

APPLY IT Show your work

- 1** At the pet store, a bag of dog food has a scale reading of 9 lb. Sam guesses it weighs 10 lb. Is his guess reasonable?

WORK SPACE

ANSWER _____

- 2** At a bake sale, a box of cookies weighs 5 lb. A box of cupcakes weighs 6 lb. Which box is heavier?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Jada weighs a bag of canned-food donations. The scale reads 12 lb. Jada estimated 11 lb. Her brother estimated 3 lb. Whose estimate is reasonable? Explain.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A scale under a toy dump truck reads 2 lb. The truck weighs ____ lb.	2 lb
2	A lunchbox weighs 3 lb on a scale. Circle the reasonable estimate: 1 lb or 3 lb.	3 lb
3	A small pumpkin weighs 6 lb. A stuffed bear weighs 4 lb. Which is heavier?	The small pumpkin.
4	Nora estimates her bag of apples weighs 5 lb. The scale reads 4 lb. Is Nora's estimate reasonable?	Yes.
5	A scale shows a soccer ball weighs 1 lb. A book weighs 2 lb. Which is lighter?	The soccer ball.

PART 2 • APPLY IT

1. **Yes, Sam's guess is reasonable.** The scale reads 9 lb. Sam guessed 10 lb, which is 1 lb away.
2. **The box of cupcakes.** Compare 5 lb and 6 lb. The cupcake box weighs more.

CHALLENGE

Jada's estimate is reasonable. 11 lb is 1 lb away from 12 lb, but 3 lb is much too low.

Accept "yes" for reasonable estimates that are 1 pound from the scale reading in these items. For comparison items, accept the object name or a clear statement naming the heavier or lighter object.