

Comparing Units of Weight

NCTM Standards 1, 4, 6, 7, 8, 9, 10

Choose the closest weight.

1 A box weighs 3 pounds.

- A. 3 kg C. 6 kg
B. 30 kg D. 1 kg

2 A bicycle weighs 5 kilograms.

- A. 5 lbs C. 10 lbs
B. 50 lbs D. 2 lbs

3 A plate weighs 8 ounces.

- A. 8 kg C. 1 lb
B. 8 g D. 250 g

4 A notebook weighs 15 grams.

- A. 15 oz C. 1 lb
B. $\frac{1}{10}$ lb D. 0.5 kg

5 A mug weighs 350 grams.

- A. 0.35 kg C. 35 kg
B. 3.5 kg D. 350 oz

6 A wood table weighs 20 kilograms.

- A. 2,000 g C. 200,000 g
B. 20,000 g D. 200 g

7 A cell phone weighs 0.25 pounds.

- A. 4 oz C. 12 oz
B. 8 oz D. 16 oz

8 A book weighs 1 kilogram.

- A. 100 g C. 2 lbs
B. 1,000 oz D. 0.5 lbs

9 Put these weights in order from lightest to heaviest.

1 kg

1 ton

2 kg

2 g

2 oz

3 lbs

2 lbs

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Answer the questions.



10 What are two ways of comparing weights of objects?



11 Can 1 gallon of oil be heavier than 1 gallon of water? Why or why not?



12 **Challenge** Do you think that 1 kilogram of feathers can fit into a 1 gallon jug? Why or why not?

