

## Exercise 68

A very good 197-lb weight lifter lifted 192 kg in a move called the clean and jerk. What was the mass of the weight lifted in pounds?

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### Solution

Convert kilograms to pounds by multiplying by the appropriate conversion factor. Start with 192 kg, the given quantity.

$$192 \text{ kg} = 192 \cancel{\text{kg}} \times \frac{2.2046 \text{ lb}}{1 \cancel{\text{kg}}} \approx 423 \text{ lb}$$