

Estimation Strategies

Why bother estimating at all?

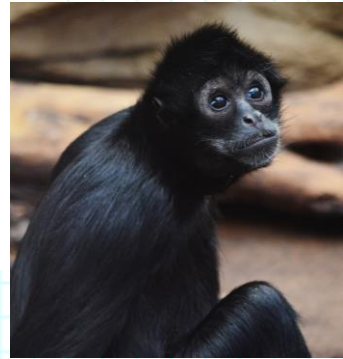
Example

- ① **Estimating by Rounding** At the zoo, you see a Colombian black spider monkey. The length of its body is 58.31 cm. The length of its tail is 78.96 cm. To the nearest centimeter, estimate the total length of the monkey's body and tail.

$$78.96 + 58.31 \approx \boxed{} + \boxed{} \leftarrow \text{Round to the nearest whole number.}$$

$$= \boxed{} \leftarrow \text{Add.}$$

The total length is about $\boxed{}$ cm.



Estimate the following (first round to the nearest whole number):

$$1.75 + 0.92$$

$$14.34 - 7.8$$

$$4.9(6.219)$$

Compatible numbers are _____

Sienna saved \$61.80. About how many DVDs can she buy if the DVDs cost \$15.95 each?

A giant burrito required 75.75 lb. of cheese. About how many 12 lb. boxes of cheese did the cooks use?



Estimate the cost of each group of produce below.

