

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Number Estimate

⌘ Estimating number is telling approximate number. Rounding up and rounding down is one way to estimate number.

⌘ When estimating numbers, refer to previous place value.

⌘ If the previous place value is 0-4 then round down/the number remains same.  $\underline{5}4 \rightarrow 50$

⌘ If the previous place value is 5-9 then round up/add 1 to the number.  $\underline{5}6 \rightarrow 60$

### Solve the following word problems

A. Jenna plucked 16 purple flowers and 23 white flowers. Using sum estimate how many flowers in all did she pluck?

Answer:

- A. 39
- B. 30
- C. 40

Show your work here:

B. Will travelled 650 miles for two days in a row. On first day he travelled 308 miles. How many miles did he travel on second day? Use sum estimate.

Answer:

- A. 450
- B. 400
- C. 360

Show your work here:

B. Noah read 127 pages in one week. Stan read 248 pages in one week. Using sum estimate, find out how many more pages Stan read than Noah?

Answer:

- A. 130
- B. 100
- C. 127

Show your work here:

# Number Estimate

## Answer Key

A. Jenna plucked 16 purple flowers and 23 white flowers. Using sum estimate how many flowers in all did she pluck?

Answer:

A. 39

B. 30

C. 40

Show your work here:

$$\begin{array}{r} \text{Purple Flowers: } 16 \longrightarrow 20 \\ + \text{ White flowers: } 23 \longrightarrow 20 \\ \hline 39 \longrightarrow 40 \end{array}$$

B. Will travelled 668 miles for two days in a row. On first day he travelled 308 miles. How many miles did he travel on second day? Use sum estimate.

Answer:

A. 450

B. 400

C. 360

Show your work here:

$$\begin{array}{r} \text{Total miles travelled: } 668 \longrightarrow 700 \\ - \text{ Miles travelled on day 1: } 308 \longrightarrow 300 \\ \hline 360 \longrightarrow 400 \end{array}$$

B. Noah read 127 pages in one week. Stan read 248 pages in one week. Using sum estimate, find out how many more pages Stan read than Noah?

Answer:

A. 130

B. 100

C. 127

Show your work here:

$$\begin{array}{r} \text{Stan read: } 248 \longrightarrow 200 \\ - \text{ Noah read: } 127 \longrightarrow 100 \\ \hline 127 \longrightarrow 100 \end{array}$$