Estimating sums and differences

Round the numbers to the leading digit. Estimate the sum or difference.

$$3,576 \rightarrow 4,000$$
$$+\ 1,307 \rightarrow +1,000$$
is about $\boxed{5,000}$

$$198,248 \rightarrow 200,000$$
$$-\ 116,431 \rightarrow -1,00,000$$
is about $\boxed{100,000}$

Round the numbers to the leading digit. Estimate the sum or difference.

$$685 \rightarrow$$
$$+\ \ 489 \rightarrow$$
is about

$$21,481 \rightarrow$$
$$-\ 12,500 \rightarrow$$
is about

$$7,834 \rightarrow$$
$$+\ 3,106 \rightarrow$$
is about

$$682,778 \rightarrow$$
$$+\ 130,001 \rightarrow$$
is about

$$58,499 \rightarrow$$
$$-\ 22,135 \rightarrow$$
is about

$$902,276 \rightarrow$$
$$-\ 615,999 \rightarrow$$
is about

$$46,801 \rightarrow$$
$$+\ 34,700 \rightarrow$$
is about

$$9,734 \rightarrow$$
$$-\ 8,306 \rightarrow$$
is about

$$65,606 \rightarrow$$
$$+\ 85,943 \rightarrow$$
is about

$$5,218 \rightarrow$$
$$-\ 3,673 \rightarrow$$
is about

$$745 \rightarrow$$
$$+\ 451 \rightarrow$$
is about

$$337,297 \rightarrow$$
$$-\ 168,931 \rightarrow$$
is about

Write < or > for each problem.

$329 + 495$ ___ 800

$11,569 - 6,146$ ___ $6,000$

$563 - 317$ ___ 300

$8,193 - 6,668$ ___ $1,000$

$41,924 - 12,445$ ___ $50,000$

$634,577 + 192,556$ ___ $800,000$

$18,885 + 12,691$ ___ $30,000$

$713,096 - 321,667$ ___ $400,000$

Estimating sums and differences

Round the numbers to the leading digit. Estimate the sum or difference.

$$3{,}576 \rightarrow 4{,}000$$
$$+ 1{,}307 \rightarrow +1{,}000$$
is about   5,000

$$198{,}248 \rightarrow 200{,}000$$
$$- 116{,}431 \rightarrow -100{,}000$$
is about   100,000

Round the numbers to the leading digit. Estimate the sum or difference.

$$685 \rightarrow 700$$
$$+ 489 \rightarrow + 500$$
is about   1,200

$$21{,}481 \rightarrow 20{,}000$$
$$- 12{,}500 \rightarrow - 10{,}000$$
is about   10,000

$$7{,}834 \rightarrow 8{,}000$$
$$+ 3{,}106 \rightarrow + 3{,}000$$
is about   11,000

$$682{,}778 \rightarrow 700{,}000$$
$$+ 130{,}001 \rightarrow + 100{,}000$$
is about   800,000

$$58{,}499 \rightarrow 60{,}000$$
$$- 22{,}135 \rightarrow - 20{,}000$$
is about   40,000

$$902{,}276 \rightarrow 900{,}000$$
$$- 615{,}999 \rightarrow - 600{,}000$$
is about   300,000

$$46{,}801 \rightarrow 50{,}000$$
$$+ 34{,}700 \rightarrow + 30{,}000$$
is about   80,000

$$9{,}734 \rightarrow 10{,}000$$
$$- 8{,}306 \rightarrow - 8{,}000$$
is about   2,000

$$65{,}606 \rightarrow 70{,}000$$
$$+ 85{,}943 \rightarrow + 90{,}000$$
is about   160,000

$$5{,}218 \rightarrow 5{,}000$$
$$- 3{,}673 \rightarrow - 4{,}000$$
is about   1,000

$$745 \rightarrow 700$$
$$+ 451 \rightarrow + 500$$
is about   1,200

$$337{,}297 \rightarrow 300{,}000$$
$$- 168{,}931 \rightarrow - 200{,}000$$
is about   100,000

Write < or > for each problem.

$329 + 495$ **>** 800 $11{,}569 - 6{,}146$ **<** $6{,}000$

$563 - 317$ **<** 300 $8{,}193 - 6{,}668$ **>** $1{,}000$

$41{,}924 - 12{,}445$ **<** $50{,}000$ $634{,}577 + 192{,}556$ **>** $800{,}000$

$18{,}885 + 12{,}691$ **>** $30{,}000$ $713{,}096 - 321{,}667$ **<** $400{,}000$

In section 2, children need to think about their estimates more carefully if the estimate is very close to the number on the right side of the equation. Have them look at the numbers in the next place to the right to adjust their estimates up or down.