

Estimate and Exact Sums

Name: _____ Score: _____

First estimate the answer by rounding both addends to the nearest ten and then calculate the exact answer. Compare the outcomes.



Example: $53 + 17 \approx \underline{50} + \underline{20} \approx 70$ Exact Answer: 70

$$82 + 21 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$34 + 48 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$32 + 69 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$67 + 22 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$87 + 24 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$36 + 47 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$44 + 18 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$93 + 12 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$55 + 15 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$31 + 29 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$62 + 26 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$41 + 15 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$73 + 21 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

$$25 + 82 \approx \underline{\quad} + \underline{\quad} \approx$$

Exact Answer:

Answers

First estimate the answer by rounding both addends to the nearest ten and then calculate the exact answer. Compare the outcomes.



Example: $53 + 17 \approx \underline{50} + \underline{20} \approx 70$ Exact Answer: 70

$82 + 21 \approx \underline{80} + \underline{20} \approx 100$

Exact Answer: 103

$34 + 48 \approx \underline{30} + \underline{50} \approx 80$

Exact Answer: 82

$32 + 69 \approx \underline{30} + \underline{70} \approx 100$

Exact Answer: 101

$67 + 22 \approx \underline{70} + \underline{20} \approx 90$

Exact Answer: 89

$87 + 24 \approx \underline{90} + \underline{20} \approx 110$

Exact Answer: 111

$36 + 47 \approx \underline{40} + \underline{50} \approx 90$

Exact Answer: 83

$44 + 18 \approx \underline{40} + \underline{20} \approx 60$

Exact Answer: 62

$93 + 12 \approx \underline{90} + \underline{10} \approx 100$

Exact Answer: 105

$55 + 15 \approx \underline{60} + \underline{20} \approx 80$

Exact Answer: 70

$31 + 29 \approx \underline{30} + \underline{30} \approx 60$

Exact Answer: 60

$62 + 26 \approx \underline{60} + \underline{30} \approx 90$

Exact Answer: 88

$41 + 15 \approx \underline{40} + \underline{20} \approx 60$

Exact Answer: 56

$73 + 21 \approx \underline{70} + \underline{20} \approx 90$

Exact Answer: 94

$25 + 82 \approx \underline{30} + \underline{80} \approx 110$

Exact Answer: 107