Estimating quantities and answers

6 practice questions

1. Estimate $192 + 311$ using nearby hundreds.

$200 + 300 = 500$.

Answer: About 500.

2. Estimate $603 - 198$ using nearby hundreds.

$600 - 200 = 400$.

Answer: About 400.

3. A bag has about 50 beads. Estimate the number in 4 similar bags.

$4 \times 50 = 200$.

Answer: About 200 beads.

4. A class needs 97 sheets of card. Is a pack of about 100 sheets likely to be close to the amount needed? Explain.

$100 - 97 = 3$. An estimate does not guarantee the exact supply.

Answer: Yes; 97 is only 3 below 100. Check the pack contains at least 97 before relying on it.

5. Noah says $487 + 212 = 999$. Show an estimate that checks this claim.

$500 + 200 = 700$.

Answer: About 700, so 999 is not sensible.

6. Estimate $72 + 39$ with nearby tens. State the numbers you used.

72 is close to 70 and 39 is close to 40; their sum is 110.

Answer: About 110, using $70 + 40$.