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 × 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.