

Estimating Sums and Differences by Rounding Worksheet - Answer Key

4th Grade - estimating sums and differences | 15 minutes

Round each number to the place shown, then add or subtract to estimate.

Example: Estimate $38 + 41$ to the nearest 10: $40 + 40 = 80$.

1. Estimate $38 + 41$ (nearest 10).

Answer: $40 + 40 = 80$

2. Estimate $52 + 29$ (nearest 10).

Answer: $50 + 30 = 80$

3. Estimate $67 + 24$ (nearest 10).

Answer: $70 + 20 = 90$

4. Estimate $83 - 18$ (nearest 10).

Answer: $80 - 20 = 60$

5. Estimate $145 + 230$ (nearest 100).

Answer: $100 + 200 = 300$

6. Estimate $312 + 489$ (nearest 100).

Answer: $300 + 500 = 800$

7. Estimate $618 - 391$ (nearest 100).

Answer: $600 - 400 = 200$

8. Estimate $274 + 158$ (nearest 100).

Answer: $300 + 200 = 500$

Challenge

9. Estimate $58 + 61$ to the nearest 10. Is the exact answer more or less than your estimate?

Answer: $60 + 60 = 120$; the exact answer (119) is a little less.

10. Why is it better to round before adding instead of after?

Answer: Rounding first gives a quick estimate you can do in your head to check the exact answer.