



Estimation Strategies

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Estimate 47 times 312 by rounding to 50 and 300 to get _____ .
2. Estimate 612 divided by 31 using compatible numbers 600 and 30 to get _____ .
3. Estimate 89 times 41 by rounding to 90 and 40 to get _____ .
4. A rectangle is 38 cm by 22 cm. Estimate the perimeter using 40 and 20 to get _____ cm.
5. Estimate 7,812 divided by 38 with compatible numbers 8000 and 40 to get _____ .
6. Estimate the area of a 19 by 41 rectangle using 20 and 40 to get _____ square units.
7. Estimate 58 times 23 by rounding both factors to get _____ .
8. Estimate 4,210 divided by 68 using compatible numbers 4200 and 70 to get _____ .
9. Estimate the perimeter of a 49 cm by 31 cm rectangle using 50 and 30 to get _____ cm.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

48 times 21	→ _____	About 1000
789 divided by 41	→ _____	About 20
29 cm by 11 cm area	→ _____	About 300
6,210 divided by 31	→ _____	About 200

Answer Key • Estimation Strategies • Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Estimate 47 times 312 by rounding to 50 and 300 to get 15000 .
2. Estimate 612 divided by 31 using compatible numbers 600 and 30 to get 20 .
3. Estimate 89 times 41 by rounding to 90 and 40 to get 3600 .
4. A rectangle is 38 cm by 22 cm. Estimate the perimeter using 40 and 20 to get 120 cm.
5. Estimate 7,812 divided by 38 with compatible numbers 8000 and 40 to get 200 .
6. Estimate the area of a 19 by 41 rectangle using 20 and 40 to get 800 square units.
7. Estimate 58 times 23 by rounding both factors to get 1200 .
8. Estimate 4,210 divided by 68 using compatible numbers 4200 and 70 to get 60 .
9. Estimate the perimeter of a 49 cm by 31 cm rectangle using 50 and 30 to get 160 cm.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

48 times 21	→ <u>About 1000</u>	About 1000
789 divided by 41	→ <u>About 20</u>	About 20
29 cm by 11 cm area	→ <u>About 300</u>	About 300
6,210 divided by 31	→ <u>About 200</u>	About 200