

Luna's Space Adventure

Grade 4 · Rounding big numbers · 4.NBT.A.3

Name _____

Date _____



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Round it Look one place to the right. Five or more rounds up.

604,652 to the nearest thousand _____ 247,326 to the nearest ten _____

636,093 to the nearest hundred _____ 180,229 to the nearest thousand _____

736,012 to the nearest ten _____ 505,087 to the nearest hundred _____

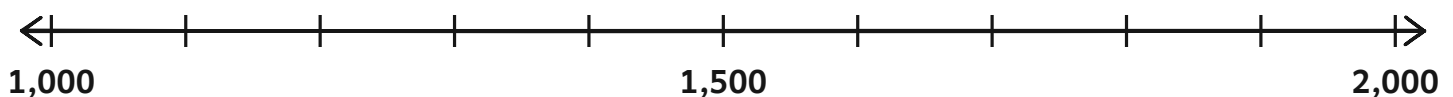
67,292 to the nearest ten thousand _____ 145,868 to the nearest thousand _____

927,589 to the nearest thousand _____ 643,241 to the nearest ten _____

333,177 to the nearest thousand _____ 899,239 to the nearest ten _____

840,728 to the nearest hundred _____ 432,488 to the nearest ten _____

Closer to which thousand? Mark 1,150. Which thousand is it closer to?



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ANSWER KEY



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Round it Look one place to the right. Five or more rounds up.

604,652 to the nearest thousand

605,000

247,326 to the nearest ten

247,330

636,093 to the nearest hundred

636,100

180,229 to the nearest thousand

180,000

736,012 to the nearest ten

736,010

505,087 to the nearest hundred

505,100

67,292 to the nearest ten thousand

70,000

145,868 to the nearest thousand

146,000

927,589 to the nearest thousand

928,000

643,241 to the nearest ten

643,240

333,177 to the nearest thousand

333,000

899,239 to the nearest ten

899,240

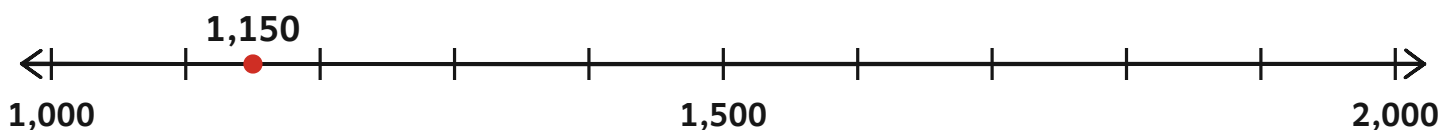
840,728 to the nearest hundred

840,700

432,488 to the nearest ten

432,490

Closer to which thousand? Mark 1,150. Which thousand is it closer to?



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GUIDE

1 What this sheet practises

Rounding big numbers to the nearest ten, hundred, thousand or more, to make quick estimates.

2 A problem from the sheet, worked out

Round it Look one place to the right. Five or more rounds up.

604,652 to the nearest thousand	<u>605,000</u>	247,326 to the nearest ten	<u>247,330</u>
636,093 to the nearest hundred	<u>636,100</u>	180,229 to the nearest thousand	<u>180,000</u>
736,012 to the nearest ten	<u>736,010</u>	505,087 to the nearest hundred	<u>505,100</u>
67,292 to the nearest ten thousand	<u>70,000</u>	145,868 to the nearest thousand	<u>146,000</u>
927,589 to the nearest thousand	<u>928,000</u>	643,241 to the nearest ten	<u>643,240</u>
333,177 to the nearest thousand	<u>333,000</u>	899,239 to the nearest ten	<u>899,240</u>

How: Find the place you're rounding to, then look at the digit just to its right: 5 or more rounds up, less than 5 stays. Every place after it becomes 0.

3 Words to know

round change to a nearby, easier number

estimate a close answer found quickly

nearest thousand the closest number ending in 000

deciding digit the one just right of the rounding place

4 Watch for

- Looking at a digit two places to the right instead of one.
- Changing the digits to the left of the rounding place.
- Rounding up past a 9: 69,700 to the nearest thousand is 70,000, not 60,000.

5 Where it fits

BEFORE

3.NBT.A.1

Round whole numbers to the nearest 10 or 100.

THIS SHEET

4.NBT.A.3

Round multi-digit numbers to any place.

NEXT

5.NBT.A.4

Round decimals to any place.

6 Helping at home

Round big numbers you see, like a crowd size or a car's price. Ask whether the nearest thousand or the nearest hundred is more useful.