

Rounding whole numbers

Name: _____

When rounding, the digit to the right of the requested rounding digit will always tell you whether to round up or down and all digits to the left will stay the same.

Rule 1: Determine what your rounding digit is and look to the right side of it. If the digit is 1, 2, 3 or 4 do not change the rounding digit. All digits that are on the right hand side of the requested rounding digit will become 0.

Rule 2: Determine what your rounding digit is and look to the right of it. If the digit is 5, 6, 7, 8 or 9, your rounding digit rounds up by one number. All digits that are on the right hand side of the requested rounding digit will become 0.

1. Round to the nearest hundred:

_____ 52 413 _____ 78 714 _____ 98 981 _____ 83 214

2. Round to the nearest five.

_____ 1 234 _____ 343 _____ 98 981 _____ 4 321

3. Round of to the nearest ten.

_____ 1 234 _____ 343 _____ 98 981 _____ 4 321

4. Round of the nearest thousand.

_____ 1 234 _____ 9 343 _____ 98 981 _____ 4 321

5. Round your age to the nearest ten. _____

6. The attendance at a soccer game is 64 820. The announcer says there are about 70 000 people at the game.

6.1. Is the announcer correct? Explain

6.2. If the announcer said there were about 65 000 people at the game, to which place was the attendance rounded? _____

7. Do you think rounding numbers can make your task easier? Why or why not?



Answers

1. Round to the nearest hundred:

52 400 52 413 **78 700** 78 714 **99 000** 98 981 **83 200** 83 214

2. Round to the nearest five.

1 235 1 234 **345** 343 **19 980** 98 981 **4 320** 4 321

3. Round of to the nearest ten.

1 230 1 234 **340** 343 **98 980** 98 981 **4 320** 4 321

4. Round of the nearest thousand.

1 000 1 234 **9 000** 9 343 **99 000** 98 981 **4 000** 4 321

5. Round your age to the nearest ten. **10** *Depending on the child's age*

6. The attendance at a soccer game is 64 820. The announcer says there are about 70 000 people at the game.

6.1. Is the announcer correct? Explain ***The total is closer to 60 000. Rounded off to the nearest ten thousand.***

6.2. If the announcer said there were about 65 000 people at the game, to which place was the attendance rounded? ***The nearest Thousand***

7. Do you think rounding numbers can make your task easier? Why or why not?

Yes. The numbers are easier to work out.