Compare & round decimals worksheet

5th grade math · Number & Operations in Base Ten · 5.NBT.A.3

Name _____ Date _____

For grown-ups: 12 compare & round decimals problems, easier ones first. Let your child try each one alone, then check together with the answer key on page 2. Circle one answer where there are choices. A ? marks the missing number or symbol.

1. **Round 6.671 to the nearest tenth.**

   Answer: _____

2. **5.885 ? 5.89**

   ○ > ○ < ○ =

3. **1.188 ? 1.19**

   ○ > ○ < ○ =

4. **2.705 ? 2.71**

   ○ > ○ < ○ =

5. **Round 1.276 to the nearest hundredth.**

   Answer: _____

6. **Round 3.688 to the nearest hundredth.**

   Answer: _____

7. **Round 8.368 to the nearest hundredth.**

   Answer: _____

8. **7.936 ? 7.94**

   ○ > ○ < ○ =

9. **3.888 ? 3.89**

   ○ > ○ < ○ =

10. **Round 7.295 to the nearest whole number.**

    Answer: _____

11. **8.801 ? 8.8**

    ○ > ○ < ○ =

12. **Round 9.606 to the nearest hundredth.**

    Answer: _____

Answer key: Compare & round decimals

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1. **6.7**
   Look at the hundredths digit, 7. 5 or more, so round up: 6.7.
2. **<**
   Line up the decimal points and compare place by place: 5.885 < 5.89.
3. **<**
   Line up the decimal points and compare place by place: 1.188 < 1.19.
4. **<**
   Line up the decimal points and compare place by place: 2.705 < 2.71.
5. **1.28**
   Look at the thousandths digit, 6. 5 or more, so round up: 1.28.
6. **3.69**
   Look at the thousandths digit, 8. 5 or more, so round up: 3.69.
7. **8.37**
   Look at the thousandths digit, 8. 5 or more, so round up: 8.37.
8. **<**
   Line up the decimal points and compare place by place: 7.936 < 7.94.
9. **<**
   Line up the decimal points and compare place by place: 3.888 < 3.89.
10. **7**
    Look at the tenths digit, 2. Less than 5, so keep the digit and drop the rest: 7.
11. **>**
    Line up the decimal points and compare place by place: 8.801 > 8.8.
12. **9.61**
    Look at the thousandths digit, 6. 5 or more, so round up: 9.61.