

Math 10 Apprenticeship and Workplace Activity
Rounding

Name: _____

1. When would it make sense to round to the nearest thousand?

[x] How much you earn per year OR
Cost of a house

2. When would it make sense to round to the nearest 100?

Population of Fort Nelson

3. When would it make sense to round to the nearest 10?

of students in school

4. When would it make sense to round to the nearest whole number?

of days until x-mas

5. When would it make sense to round to the nearest cent?

Cost of a soda after tax

6. When would it make sense to round to 4 decimal places?

Precision plasma cutting

7. What is the rule for rounding in this class?

Round to 2 decimal
places unless told otherwise

Tenth = 1 decimal place
Hundredth = 2 decimal places
Thousandth = 3 decimal places

Underline the digits places you will cut out when you round the following

Example 45.34567 to 4 decimal places

Example \$56.56 to the nearest dollar

1. 90.232323... to 2 decimal places
2. 40.777777... to the nearest tenth
3. 60.3434 to the nearest hundredth
4. 83453.344 to the nearest whole number
5. 10034.353645 to the nearest hundredth

Round the following

Example 2942.345629 to 4 decimal places

Example \$56.5453 to the nearest cent

Since 2 is less than 5
← round down to 2942.3456

← round up to \$56.55

6. 40.3333333... to 2 decimal places

40.33

7. \$29.35 to the nearest dollar

\$29

8. 562350 to the nearest hundred

562400

9. 42.66778899 to the nearest tenth

42.7

10. 60.2994 to the nearest hundredth

60.30

11. 893 to the nearest whole number

893

12. 9485234.2323 to the nearest hundredth

9485234.23