

Name/Nombre: \_\_\_\_\_ Date/Fecha: \_\_\_\_\_

TCIG

## Rounding decimals

### Steps for rounding any place

**Step 1:** Find the place value that is asked, and then circle that digit.

**Step 2:** Look at the digit to the right of that place.

**Step 3:**

- \* If the digit to the right is 0, 1, 2, 3, 4: Keep to the circled number (round down).
- \* If the digit to the right is 5, 6, 7, 8, 9: Bump the circled number up by 1 (round up).

### Example

Round 2.719 to the nearest tenth.

This is the place to round to

2 . 7 1 9

The digit in this place tells us whether to round up or down

We round down to get 2.7.

Example 1: Round 326 to the nearest tens place.

Example 2: Round 0.9283 to the nearest tenths place.

Example 3: Round 43.0439 to the nearest hundredths place.

Example 4: Round 9.2145 to the nearest thousandths place.

Name/Nombre: \_\_\_\_\_ Date/Fecha: \_\_\_\_\_

FCTG

## DO NOW!

1. Round each number to the correct place value.

- 1) Round to the nearest whole number. 17.462 \_\_\_\_\_
- 2) Round to the nearest tenth. 39.32 \_\_\_\_\_
- 3) Round to the nearest whole number. 981.992 \_\_\_\_\_
- 4) Round to the nearest hundredth. 487.362 \_\_\_\_\_
- 5) Round to the nearest hundredth. 22.700 \_\_\_\_\_
- 6) Round to the nearest whole number. 9.75 \_\_\_\_\_
- 7) Round to the nearest tenth. 56.79 \_\_\_\_\_
- 8) Round to the nearest whole number. 72.5 \_\_\_\_\_
- 9) Round to the nearest tenth. 6.88 \_\_\_\_\_
- 10) Round to the nearest whole number. 3.6 \_\_\_\_\_
- 11) Round to the nearest whole number. 986.91 \_\_\_\_\_
- 12) Round to the nearest hundredth. 159.410 \_\_\_\_\_
- 13) Round to the nearest hundredth. 2.190 \_\_\_\_\_
- 14) Round to the nearest hundredth. 58.139 \_\_\_\_\_
- 15) Round to the nearest hundredth. 2.153 \_\_\_\_\_
- 16) Round to the nearest hundredth. 10.886 \_\_\_\_\_
- 17) Round to the nearest whole number. 4.5 \_\_\_\_\_
- 18) Round to the nearest tenth. 11.430 \_\_\_\_\_
- 19) Round to the nearest tenth. 54.75 \_\_\_\_\_
- 20) Round to the nearest tenth. 467.723 \_\_\_\_\_