

Name/Nombre: _____ Date/Fecha: _____

TEG

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

2.719

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.

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ECTG

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 _____