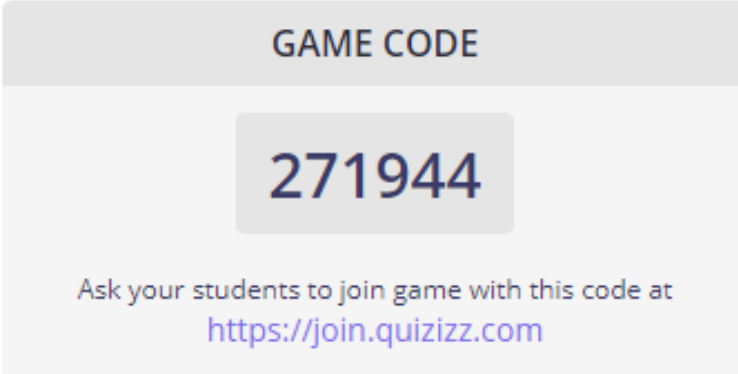


Warm-Up




A screenshot of a Quizizz game code card. The card has a grey header with the text "GAME CODE". Below the header, the code "271944" is displayed in a large, bold, blue font. Underneath the code, there is a line of text: "Ask your students to join game with this code at" followed by the URL "https://join.quizizz.com" in blue.

Be sure to use your real name, or a zero will be given :(

4.2 Rounding Decimals

Recall rounding whole numbers:

89 to the nearest ten
 90

Step 1 Locate your place value, put a cut-off line after it

Step 2 Look @ the one digit to the right of it

Step 3 If # 5 or more round up
 4 or less stay the same

Step 4 Use \approx , drop all digits after cut off

Ex 1 Rounding a Decimal Number

Round 14.39652 to the nearest thousandth

Which digit is in the thousandths place?
 Which digit decides? 5
 Decision? round 6 \rightarrow 7

192
 200 \approx 14.397

How is this different than rounding whole numbers??

Ex 2 Rounding a Decimal to Different Places

a) 5.3496 to the nearest tenth

$$\approx 5.3$$

b) 0.69738 to the nearest hundredth

$$\cancel{0.7} \approx 0.70$$

Ex 3 Rounding to the Nearest Cent (hundredths)

a) \$2.4238

$$\approx \$2.42$$

b) \$0.695

$$\approx \$0.70$$

Ex 4 Rounding the to Nearest Dollar (ones)

??

a) \$4868

$$\approx \$49$$

b) \$269050

$$\approx \$2691$$

c) \$34988

$$\approx \$350$$

Check-In

#1 Round to the nearest thousandths

a) 0.33492

0.335

b) 265.42038

265.420

c) 10.70180

10.702

#2 Round to place indicated

a) 0.8988 (hundredth)

0.90

b) 0.545 (tenth)

0.5

#3 Round to nearest cent

a) \$14.595

≈ \$14.60

b) \$0.849

\$0.85

#4 Round to nearest dollar

a) \$5949.88

\$5950

b) \$136.49

\$136