MY Homework

Homework Helper

eHelp

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Estimate 304 ÷ 18.

1 Round the divisor to the nearest ten.

$18 \longrightarrow 20$

2 Change the dividend to a number that is compatible with the rounded divisor, 20.

$304 \longrightarrow 300$

3 Divide mentally.

$300 \div 20 = 15$

So, 304 ÷ 18 is about 15.

Helpful Hint
$30 \div 2 = 15$
$300 \div 2 = 150$
$300 \div 20 = 15$

Check Use multiplication to check your answer.
$15 \times 20 = 300$ and $300 \approx 304$ R

Practice

Estimate. Show how you estimated.

1. 512 ÷ 52

2. 412 ÷ 97

3. 83)‾237‾

4. 31)‾458‾

5. The Booster Club is having a bake sale. The members place 25 baked goods in each bag. There are 630 baked goods donated. About how many bags will the club have for sale?

_____

6. A farmer has 212 acres of land for sale. He divides the land into 18 equal sections. About how many acres are in each section?

_____

7. Alexander has 418 songs on his MP3 player. He divides the songs into 11 equal groups. About how many songs are in each group?

_____

8. **Mathematical PRACTICE ➊** **Check for Reasonableness** A restaurant ordered 833 ounces of chicken. There are 16 ounces in a pound. About how many pounds of chicken did the restaurant order?

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Test Practice

9. Ms. Robbins has 600 sheets of paper for a project. She has 48 students. Which is the best estimate for the number of sheets of paper she can give to each student?

Ⓐ 10 sheets

Ⓑ 12 sheets

Ⓒ 15 sheets

Ⓓ 20 sheets