

Homework**Solve.***Show Your Work.*

1. Barbara has a rectangular shaped mouse pad. The longest side of the mouse pad is 8 inches and the shortest side is 3 inches. What is the perimeter and area of the mouse pad?
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2. Yeasmin has a cup with 27 milliliters of milk in it. She pours another 34 milliliters of milk into the cup. She then drinks 14 milliliters of the milk. How much milk is left in the cup?
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3. John's dog weighed 7 pounds when he got him. The dog's weight tripled each year for two years. How many ounces does John's dog now weigh?
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4. The area of a rectangular shaped living room was 240 sq ft. The longest side of the room was 20 ft. What is the length of the small side of the room?
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5. A grapefruit has a mass of 100 grams. A watermelon has a mass of 4 times the mass of the grapefruit. What is the mass of the watermelon, in centigrams?
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6. Hannah ran 200 yards during recess. Juanita ran 340 yards during recess. In feet, how much further did Juanita run than Hannah?
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7. The perimeter of the rectangular shaped building is 960 ft. The shortest side of the building is 150 ft. What is the length of one of the longest sides of the building?
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Remembering

Solve by any method. Then check your answer by rounding and estimating.

1. $6\overline{)49}$

2. $4\overline{)502}$

3. $6\overline{)3,781}$

Use an equation to solve.

4. Sydney bakes mini muffins for a bake sale. She bakes 4 pans that hold 12 muffins each and 3 pans that hold 18 muffins each. How many muffins does Sydney bake?
- _____

Find the area and perimeter for rectangles with the lengths and widths shown.

5. $l = 8$ units

$w = 7$ units

$A =$ _____

$P =$ _____

6. $l = 2$ units

$w = 14$ units

$A =$ _____

$P =$ _____

7. $l = 12$ units

$w = 3$ units

$A =$ _____

$P =$ _____

8. **Stretch Your Thinking** Ms. Carps writes the following problem on the board. *A 20-foot length of ribbon is cut into 4 equal pieces. How many inches long is each piece of ribbon?* Ashe says you should first divide 20 feet by 4, then convert to inches. Wesley says you should first convert 20 feet to inches, then divide by 4. Explain how both students are correct.
- _____
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- _____
- _____
- _____