

2.13 Unit Review

Name: _____

Date: _____

Class/Period: _____

Problem 2.169 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$18.47 + 6.905$$

Problem 2.172 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$93.004 + 8.76 + 0.519$$

Problem 2.170 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$0.806 + 14.9$$

Problem 2.173 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$42.7 - 18.936$$

Problem 2.171 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$205 + 37.68$$

Problem 2.174 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$100 - 37.458$$

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Problem 2.175 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$6.03 - 0.784$$

Problem 2.177 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write an equation and answer each question using the correct units.

A bookstore sold a notebook for \$7.85, a set of pens for \$4.79, and a folder for \$2.35. What was the total cost?

Problem 2.176 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each sum or difference. Show your work and use estimation to check that your answer is reasonable.

$$16.25 + 9.8 - 7.406$$

Problem 2.178 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write an equation and answer each question using the correct units.

A hiking trail is 12.6 miles long. Elena has already walked 7.85 miles. How many miles does she have left?

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Problem 2.179 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write an equation and answer each question using the correct units.

A package had a mass of 18.425 kilograms before 6.78 kilograms of material was removed. What is the package's new mass?

Problem 2.180 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write an equation and answer each question using the correct units.

Malik ran 2.75 miles on Monday, 3.8 miles on Wednesday, and 4.125 miles on Saturday. How many miles did he run altogether?

Problem 2.181 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write an equation and answer each question using the correct units.

A rectangular garden has side lengths of 8.35 meters and 5.7 meters. What is its perimeter?

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Problem 2.182 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write an equation and answer each question using the correct units.

A checking account had a balance of \$246.80. A deposit of \$75.95 was made, followed by a withdrawal of \$118.47. What is the new balance?

Problem 2.185 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$12.06 \times 7$$

Problem 2.183 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$7.4 \times 26$$

Problem 2.186 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$4.7 \times 3.25$$

Problem 2.184 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$0.38 \times 45$$

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Problem 2.187 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$0.84 \times 0.6$$

Problem 2.190 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$15.75 \times 2.08$$

Problem 2.188 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$2.035 \times 1.4$$

Problem 2.191 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

A rectangular room is 8.6 meters long and 4.75 meters wide. What is the area of the room?

Problem 2.189 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Estimate each product before finding the exact answer.

$$9.08 \times 0.09$$

Problem 2.192 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. Write any remainder using R notation unless the problem tells you otherwise. Check your answer using multiplication.

$$6,852 \div 4$$

2.13 Unit Review

Problem 2.193 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. Write any remainder using R notation unless the problem tells you otherwise. Check your answer using multiplication.

$$9,437 \div 7$$

Problem 2.196 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. Write any remainder using R notation unless the problem tells you otherwise. Check your answer using multiplication.

$$7,290 \div 9$$

Problem 2.194 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. Write any remainder using R notation unless the problem tells you otherwise. Check your answer using multiplication.

$$5,008 \div 6$$

Problem 2.197 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. Write any remainder using R notation unless the problem tells you otherwise. Check your answer using multiplication.

A bakery has 157 muffins. The muffins are placed into boxes that each hold 6 muffins. How many full boxes can be filled, and how many muffins will be left over?

Problem 2.195 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. Write any remainder using R notation unless the problem tells you otherwise. Check your answer using multiplication.

$$12,345 \div 8$$

2.13 Unit Review

Problem 2.198 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use estimation and nearby multiples to help choose each quotient digit.

$$8,736 \div 24$$

Problem 2.201 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use estimation and nearby multiples to help choose each quotient digit.

$$5,040 \div 28$$

Problem 2.199 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use estimation and nearby multiples to help choose each quotient digit.

$$12,096 \div 32$$

Problem 2.202 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use estimation and nearby multiples to help choose each quotient digit.

$$10,404 \div 51$$

Problem 2.200 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use estimation and nearby multiples to help choose each quotient digit.

$$7,315 \div 45$$

Problem 2.203 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use estimation and nearby multiples to help choose each quotient digit.

$$18,425 \div 67$$

2.13 Unit Review

Problem 2.204 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. State whether the decimal terminates or repeats. Use bar notation for repeating decimals.

$$47 \div 4$$

Problem 2.207 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. State whether the decimal terminates or repeats. Use bar notation for repeating decimals.

$$8 \div 3$$

Problem 2.205 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. State whether the decimal terminates or repeats. Use bar notation for repeating decimals.

$$9 \div 16$$

Problem 2.208 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. State whether the decimal terminates or repeats. Use bar notation for repeating decimals.

$$17 \div 6$$

Problem 2.206 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. State whether the decimal terminates or repeats. Use bar notation for repeating decimals.

$$23 \div 5$$

Problem 2.209 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Find each quotient. State whether the decimal terminates or repeats. Use bar notation for repeating decimals.

$$5 \div 12$$

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Problem 2.210 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$8.4 \div 0.7$$

Problem 2.213 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$0.728 \div 0.8$$

Problem 2.211 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$54.6 \div 0.06$$

Problem 2.214 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$12.42 \div 1.8$$

Problem 2.212 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$3.375 \div 0.15$$

Problem 2.215 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$6.006 \div 0.09$$

2.13 Unit Review

Problem 2.216 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$0.936 \div 0.24$$

Problem 2.218 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$2.52 \div 0.007$$

Problem 2.217 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Rewrite each expression as an equivalent division problem with a whole-number divisor. Then find the quotient.

$$45.5 \div 3.5$$

Problem 2.219 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Write a division equation and explain what the quotient represents.

Five friends equally share a restaurant bill of \$86.75. How much should each friend pay?

2.13 Unit Review

Problem 2.220 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Write a division equation and explain what the quotient represents.

Ribbon is sold in pieces that are each 0.75 meter long. How many pieces can be cut from 12.6 meters of ribbon?

Problem 2.221 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Write a division equation and explain what the quotient represents.

A car travels 268.8 miles using 8.4 gallons of gasoline. How many miles does the car travel per gallon?

Problem 2.222 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Write a division equation and explain what the quotient represents.

A 7.2-kilogram bag of rice is divided equally among 16 families. How many kilograms of rice does each family receive?

2.13 Unit Review

Problem 2.223 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Write a division equation and explain what the quotient represents.

Jordan paid \$31.68 for 4.8 pounds of fruit. What was the cost per pound?

Problem 2.224 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Write a division equation and explain what the quotient represents.

Seven people split the cost of a cabin rental equally. The total cost is \$493.50. How much should each person pay? Round to the nearest cent.

Problem 2.225 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Choose the correct operation. Write an equation and answer using the correct units.

A music player costs \$48.75, and a protective case costs \$13.99. What is the total cost?

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Problem 2.226 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Choose the correct operation. Write an equation and answer using the correct units.

A water tank held 36.5 gallons. After some water was used, 19.875 gallons remained. How many gallons were used?

Problem 2.227 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Choose the correct operation. Write an equation and answer using the correct units.

A runner completes 14 laps. Each lap is 0.625 mile long. How many miles does the runner travel?

Problem 2.228 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Choose the correct operation. Write an equation and answer using the correct units.

A teacher has 18.9 meters of bulletin-board border. Each bulletin board requires 2.7 meters. How many bulletin boards can be decorated?

2.13 Unit Review

Problem 2.229 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Choose the correct operation. Write an equation and answer using the correct units.

Movie tickets cost \$11.25 each. How much will 6 tickets cost?

Problem 2.230 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Choose the correct operation. Write an equation and answer using the correct units.

A machine fills 3.75 bottles each minute. How many bottles will it fill in 24 minutes?

Problem 2.231 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

Olivia has \$100.00. She buys a backpack for \$34.95, a notebook for \$6.78, and three pens costing \$2.45 each. How much money does she have left?

2.13 Unit Review

Problem 2.232 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

A rectangular playground is 18.75 meters long and 12.4 meters wide. A fence will be placed around the entire playground. If fencing costs \$9.80 per meter, what will the fencing cost?

Problem 2.233 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

A cafe begins the day with 18.5 gallons of lemonade. It sells 6.75 gallons before lunch and 4.825 gallons after lunch. The remaining lemonade is poured equally into 5 containers. How many gallons are placed in each container?

Problem 2.234 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

A family drives 146.8 miles on Friday and 218.45 miles on Saturday. Their car travels 32.5 miles per gallon. How many gallons of gasoline did the family use during the two days?

2.13 Unit Review

Problem 2.235 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

A school buys 24 boxes of pencils. Each box contains 12 pencils and costs \$3.75. What is the total cost of the pencils, and what is the cost per pencil?

Problem 2.236 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

A swimming pool contains 4,250.5 gallons of water. Water enters the pool at a rate of 18.75 gallons per minute for 36 minutes. Then 125.8 gallons are drained. How many gallons of water are now in the pool?

Problem 2.237 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

Maya earns \$12.75 per hour. She works 6.5 hours on Saturday and 4.75 hours on Sunday. She spends \$38.90 of her earnings. How much money does she have left?

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Problem 2.238 Directions:

The problems in this review are organized by topic. Show all work, label answers with units when needed, and use estimation or an inverse operation to check your results.

Use the KNOWS strategy. Write a plan before solving and label each step.

A club orders 15 pizzas for \$12.80 each and 9 trays of sandwiches for \$18.45 each. The total cost is divided equally among 24 club members. How much should each member pay? Round to the nearest cent.

Unit 2 Review

K. Missing Digits and Decimal Placement

Read - Reconstruct - Place - Check

Problem 2.239

Fill every square. Addition: place the decimal in the top addend.

$$\begin{array}{r} \square 6 \square 8 \\ + \quad 7.2 5 \\ \hline 4 3.7 3 \end{array}$$

Explain the clue that fixed the decimal point:

Problem 2.240

Fill every square. Subtraction: place the decimal in the minuend.

$$\begin{array}{r} \square 2 \square 4 \\ - 1 8.7 9 \\ \hline 5 3.2 5 \end{array}$$

Explain the clue that fixed the decimal point:

Problem 2.241

Fill every square. Multiplication: place the decimal in the top factor.

$$\begin{array}{r} \quad \quad 4 \square \square \\ \times \quad \quad \square.2 \\ \hline \quad \quad 8 1 6 \\ 1 2 2 4 0 \\ \hline 1 3.0 5 6 \end{array}$$

Explain the clue that fixed the decimal point:

Problem 2.242

Fill every square. Division: place the decimal in the divisor.

$$\begin{array}{r} \square \square.\square \\ 2 \square \overline{) 5 \square.1 6} \\ \underline{4 8} \\ 8 1 \\ \underline{7 2} \\ 9 6 \\ \underline{9 6} \\ 0 \end{array}$$

Explain the clue that fixed the decimal point:
