

Aubrey has saved some money for her trip to France. She has \$8,547.

1. Put \$8,547 into expanded form. Show and/or explain your answer.
2. What place is the 8 in? Show and/or explain your answer.
3. What is the value of the 5? Show and/or explain your answer.
4. Jill has saved up \$7,498. How much more does Aubrey have than Jill? Show and/or explain your answer.

Samantha is grocery shopping for her Mom. She thinks that the larger box of macaroni is the better buy. The larger box of macaroni has 12 servings and costs \$5.40. The smaller box of macaroni has 10 servings and costs \$4.90.

1. Which box has the better buy? Explain your answer with words and/or numbers.
2. Was Samantha correct?

Objectives: (3 of 3 listed)

1. Multiply a 3-digit whole number by a 2-digit whole number
13. Determine the decimal number through thousandths when given its expanded form
16. Compare two decimal numbers through thousandths represented in expanded form

1. What is the standard form of $6 + 0.5 + 0.02 + 0.004$?

- [A] 6.254 [B] 6.542 [C] 6.425 [D] 6.524

2. Compare the two decimals given in expanded form. Use $<$, $>$, or $=$.

- [A] $<$ [B] $>$ [C] $=$

$1 + 0.2 + 0.03 + 0.003$ \bigcirc $1 + 0.5 + 0.07 + 0.002$

3. Compare the two decimals given in expanded form. Use $<$, $>$, or $=$.

- [A] $<$ [B] $>$ [C] $=$

$3 + 0.9 + 0.01 + 0.008$ \bigcirc $3 + 0.01$

4. Compare the two decimals given in expanded form. Use $<$, $>$, or $=$.

- [A] $<$ [B] $>$ [C] $=$

$3 + 0.6 + 0.04$ \bigcirc $3 + 0.8 + 0.02$

5.
$$\begin{array}{r} 879 \\ \times 47 \\ \hline \end{array}$$

- [A] 42,313 [B] 42,413 [C] 41,413 [D] 41,313

6. $342 \times 92 =$

- [A] 32,464 [B] 31,464 [C] 32,564 [D] 31,564

7.
$$\begin{array}{r} 862 \\ \times 18 \\ \hline \end{array}$$

- [A] 15,516 [B] 16,516 [C] 15,616 [D] 16,616

8. What decimal number can be written as $4 + 0.03 + 0.007$?

- [A] 4.073 [B] 4.307 [C] 40.73 [D] 4.037

9. What is the standard form of $8 + 0.2 + 0.07 + 0.009$?

- [A] 8.279 [B] 8.297 [C] 8.972 [D] 8.729

USE LOGICAL REASONING

Name _____

Richard, Diane, Ron, and Mary Louise were talking one day about the places they would like to see. Between them, they wanted to go to the San Diego Zoo, the Golden Gate Bridge, DisneyWorld, and Washington, D.C. Diane has always wanted to see the Congress in session. Both Richard and Ron are allergic to all types of fur and hair. Ron is afraid of heights. Where do you think each person wanted to go?

Explain How you know. How did you find answer?

	Mary Louise	Ron	Richard	Diane
Disney				
D.C.				
Bridge				
Zoo				

Burns
AMI Day 3

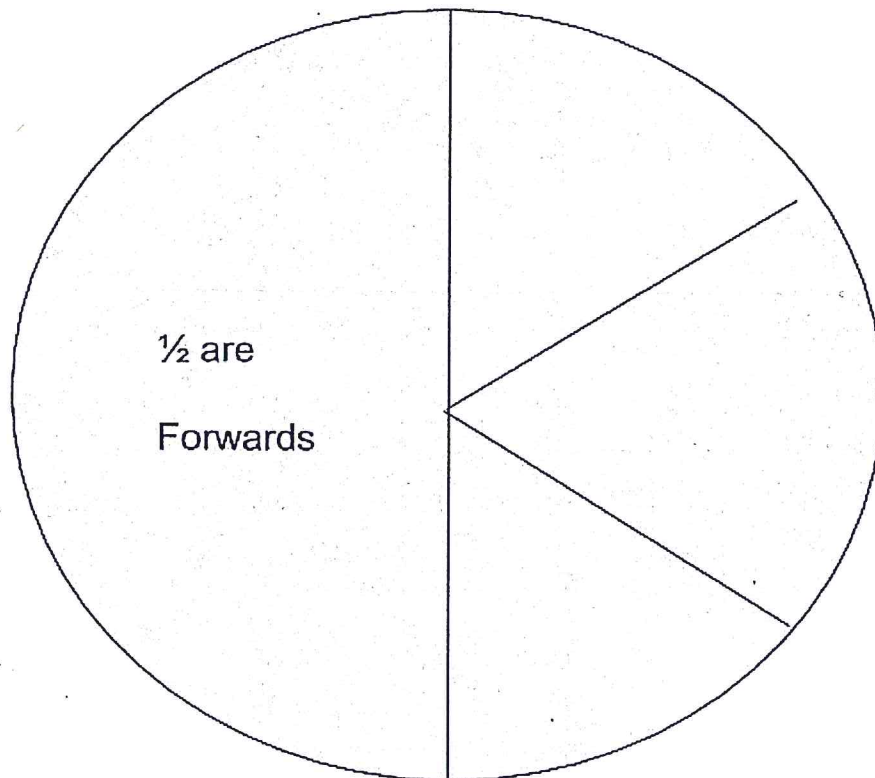
Name:
Date:

Strategy: Working backwards.

River's soccer team is having a great season. The team is being coached by River's mom, who divided the team into five groups: $\frac{1}{2}$ the players are forwards. $\frac{1}{6}$ are wings. $\frac{1}{6}$ are halfbacks, $\frac{1}{12}$ are fullbacks, and 2 others are goalies. Working backwards with the number 2 (goalies), answer these questions.

How many players are on River's team? How many are in each group?

You MUST EXPLAIN HOW YOU GOT YOUR ANSWER.



Burns
AMI day 4

Name:
Date:

DRAW THREE WAYS TO SOLVE IT.

12 kids are sharing 9 pizzas. How much does each person get?

DRAW TWO WAYS TO SOLVE. Make sure to finish the answer.

13 kids are sharing 5 pizzas. How much does each one get?

Burns
AMI Day 5

Name:
Date:

1. Draw 5 and $\frac{2}{3}$. How many thirds is that? Prove your answer.

2. Draw a circle and shade $\frac{2}{3}$. Then double shade $\frac{1}{4}$ of the shaded portion. You are finding $\frac{1}{4}$ of $\frac{2}{3}$. What is your answer?

3. Draw a rectangle and shade $\frac{2}{7}$ of it. Then double shade $\frac{2}{3}$ of the $\frac{2}{7}$. You are finding $\frac{2}{3}$ of $\frac{2}{7}$. What is your answer?

4. Draw 2 different ways. 5 kids share 3 candy bars. How much does each child get?

