Name: Class: Date:

Revision Sheet 1

1) It is 1,325 feet from Kinsey's house to her school. Kinsey walks to school each morning and gets a ride home each afternoon. How many feet does Kinsey walk to school in 5 days?

6,625 feet

2) Liam saves $12 of his allowance each week. Complete the table to show the total amount Liam saves.

Liam's Savings	
Number of Weeks	Total Amount
4	$48
9	$108
15	$180

3) Fahed buys 12 stickers for $2 each. He also buys 4 sticker albums. Each album costs twice as much as each sticker. Fahed has a coupon that gives him $2 off the sticker albums. Which numerical expression shows how much he spent?

(A) $(12 \times 2) + [(4 \times 2) - 2]$
● $(12 \times 2) + [(4 \times 4) - 2]$
(C) $(12 \times 4) + [(4 \times 4) - 2]$
(D) $(12 \times 4) + [(4 \times 2) + 2]$

4) Kara followed these steps to evaluate the expression $22 + (30 - 4) \div 2$.

$30 - 4 = 26$

$26 + 22 = 48$

$48 \div 2 = 24$

George looks at Kara's work and says she made a mistake. He says she should have divided by 2 before she added.

Part A

Which student is correct? Explain how you know.

George; Possible answer: According to the order of operations, you should perform division before addition.

Part B

Evaluate the expression.

$30 - 4 = 26$ $26 \div 2 = 13$ $22 + 13 = 35$

5) Evaluate the numerical expression.

$(57 + 4) \times 4 - 16 =$ **228**

6) Rebecca's teacher wrote the division problem on the board. Using the vocabulary box, label the parts of the division problem. Then, using the vocabulary, explain how Rebecca can check whether her teacher's quotient is correct.

quotient	divisor	dividend

$$6\overline{)492}\quad 82$$

quotient

divisor

dividend

Rebecca can check her teacher's work by multiplying the divisor and the quotient. If the quotient is correct, the product should equal the dividend.

7) Jason says the quotient 517 ÷ 5 is 103 r2. Use multiplication to show if Jason's answer is correct.

$$\begin{array}{r} 103 \\ \times\ 5 \\ \hline 515 \\ +\ 2 \\ \hline 517 \end{array}$$

Jason's answer is correct.

8) Jessie wants to save the same amount of money each week for a trip. He needs $3,060. If the trip is 36 weeks away, how much money should Jessie save each week?

$ 85

9) Robin is having a dinner party for 135 people at her favorite restaurant. If 9 people can be seated at each table, how many tables are there?

15 tables

10) Marianna's kitten weighs 2.45 pounds, and Monica's kitten weighs 3.6 pounds. How much more does Monica's kitten weigh than Marianna's kitten? Explain how you can use a quick picture to solve the problem.

Monica's kitten weighs 1.15 pounds more than Marianna's kitten. Possible explanation: I can draw 3.6 using 3 squares for ones and 6 lines for tenths. I would regroup 1 of the 6 tenths as 10 hundredths. Then, I would subtract 5 hundredths from 10 hundredths. Then, I subtract 4 tenths from 5 tenths. Last, I would subtract 2 from 3.

11) Luis found two bicycles he likes. The price of the first bicycle is $73.59. The price of the second bicycle is $98.50. Estimate the difference in the prices of the bicycles. **Possible estimate:**

$ 25

12) Larry bought 4 lemonades for his friends. Each lemonade cost $1.28. Complete the table to show the prices of 2, 3, and 4 lemonades.

Number of Lemonades	Price
1	$1.28
2	**$2.56**
3	**$3.84**
4	**$5.12**

13) Flora bought 4.13 pounds of tuna salad and 2.7 pounds of chicken salad. For numbers 13a–13c, select Yes or No to indicate whether each statement is true.

13a. Rounded to the nearest whole number, Flora bought 4 pounds of tuna salad. ● Yes ○ No

13b. Rounded to the nearest whole number, Flora bought 2 pounds of chicken salad. ○ Yes ● No

13c. Rounded to the nearest tenth, Flora bought 4.1 pounds of tuna salad. ● Yes ○ No

14) The four highest scores at a diving meet were 9.08, 9.1, 9.15, and 9.06 points. Choose the numbers that make the statement true.

The lowest of these four scores was [9.08, 9.1, 9.15, **9.06**] points.

The highest of these four scores was [9.08, 9.1, **9.15**, 9.06] points.