Name : _____ Score : _____

One-Step Equations - Integers

Add/Sub: S1

1) Natalie buys organic almonds priced at $77 from the grocery store. How much did she pay the cashier, if she received $23 in change?

_____

2) Lara and Mae participated in a quiz contest. They scored 23 points in all. If Lara scored 9 points, how many points did Mae score?

_____

3) John was gifted a pack of crayons. He gave 13 crayons to his friend Rhea and was left with 11 crayons. How many crayons did the pack contain?

_____

4) Smith and his friends are gaming online on a popular website. An hour later, 6 friends go offline. Five of them continue playing. How many of them were gaming online initially?

_____

5) Trevor takes up a test at school and completes it in an hour. The test has two sections. If he takes 35 minutes to complete the first section, how much time does he have left to complete the second section?

_____

Name : _____ Score : _____

One-Step Equations - Integers

Mul/Div: S1

1) Jamie paid the rent well past the due date for the months of April, May and June. As a result, he had been charged a total of $75 as late fee. How much did he pay as late fee per month?

_____

2) The kindergarten section of Lehigh Valley has 12 classrooms. If each classroom can accomodate 15 kids, how many kids can the kindergarten section accomodate in all?

_____

3) Juan sells raffle tickets at a charity event for $6 each. How many tickets does he have to sell to make $114?

_____

4) Melanie works as a nanny and is paid $14 per hour. If she puts in 40 hours of work in 7 days, how much does she earn in a week?

_____

5) The non-fiction section of the Montgomery County Library has 17 racks. If each rack holds 528 books, what is the total collection of non-fiction books in the library?

_____

Name : _____ Score : _____

Teacher : _____ Date : _____

Word Problems

1) Tom sold half of his comic books and then bought 6 more. He now has 17. How many did he begin with ? _____

2) The sum of three consecutive even numbers is one hundred eight. What is the smallest of the three numbers ? _____

3) Sandy spent half of her allowance going to the movies. She washed the family car and earned 9 dollars. What is her weekly allowance if she ended with 14 dollars ? _____

4) The sum of three consecutive numbers is 75. What is the smallest of the three numbers ? _____

5) The sum of three consecutive odd numbers is one hundred seventy - seven. What is the smallest of the three numbers ? _____

6) On Monday, 259 students went on a trip to the zoo. All 6 buses were filled and 7 students had to travel in cars. How many students were in each bus ? _____

7) Dan bought eight new baseball trading cards to add to his collection. The next day his dog ate half of his collection. There are now only forty - seven cards left. How many cards did Dan start with ? _____

8) Alyssa had one hundred thirty - one dollars to spend on six books. After buying them she had seventeen dollars. How much did each book cost ? _____

9) Oceanside Bike Rental Shop charges a eighteen dollar fixed fee plus nine dollars an hour for renting a bike. Sally paid eighty - one dollars to rent a bike. How many hours did she pay to have the bike checked out ? _____

10) Sam bought a soft drink for 2 dollars and 8 candy bars. He spent a total of 34 dollars. How much did each candy bar cost ? _____

Name Date

FRACTIONS, DECIMALS & PERCENTS SHEET 3

FRACTION	DECIMAL	PERCENT
$\frac{1}{4}$	0.25	
$\frac{4}{5}$		
$\frac{7}{10}$		70%
	0.3	
	0.9	
	0.24	
		60%
		20%
		14%
$\frac{1}{8}$		
	0.79	
		86%
	0.36	
$\frac{3}{4}$		
	0.45	
		37.5%
$\frac{2}{3}$		

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Ordering Fractions (A)

Name: _____ Date: _____

Order each set of fractions as indicated.

1) $\frac{1}{2}, \quad \frac{17}{6}, -\frac{17}{12}, -\frac{5}{4}, \quad \frac{6}{10}$

greatest ⟶ least

2) $-\frac{7}{3}, -2, \quad 2\frac{6}{20}, -\frac{13}{6}, \quad 2\frac{1}{5}$

greatest ⟶ least

3) $-2\frac{77}{100}, \quad \frac{4}{5}, \quad \frac{1}{2}, -\frac{3}{10}, -\frac{6}{3}$

greatest ⟶ least

4) $-1\frac{97}{100}, \quad \frac{45}{25}, -\frac{11}{5}, -1\frac{2}{12}, \quad \frac{10}{8}$

greatest ⟶ least

5) $\frac{5}{3}, \quad \frac{3}{4}, -\frac{19}{10}, -1\frac{8}{9}, \quad 2\frac{1}{2}$

least ⟶ greatest

6) $\frac{60}{25}, -2\frac{4}{9}, \quad \frac{3}{3}, \quad \frac{107}{100}, -1\frac{34}{50}$

greatest ⟶ least

7) $-1\frac{1}{3}, -2, -1\frac{16}{20}, -\frac{16}{6}, \quad \frac{21}{10}$

greatest ⟶ least

8) $\frac{2}{3}, -\frac{11}{25}, -\frac{6}{10}, -1\frac{3}{12}, -\frac{6}{20}$

least ⟶ greatest

9) $\frac{6}{6}, \quad \frac{5}{4}, -\frac{2}{5}, \quad \frac{2}{2}, -\frac{49}{50}$

greatest ⟶ least

10) $\frac{9}{10}, -2\frac{1}{2}, \quad \frac{4}{4}, \quad \frac{2}{3}, \quad \frac{15}{20}$

greatest ⟶ least

Name: Class:

ALGEBRA

Solve.

1. ___ A number increased by 21 is 25. Find the number.
2. ___ Ten more than a number is 35. What is the number?
3. ___ Twenty-five less than a number is 22. Find the number.
4. ___ A number decreased by 15 is 25. Find the number.
5. ___ Nine more than a number is 23. What is the number?
6. ___ Twenty-two less than a number is 22. Find the number.
7. ___ One-half of a number is 11. Find the number.
8. ___ One-half of a number is 13. Find the number.
9. ___ A number diminished by 24 is 6. Find the number.
10. ___ A number increased by 16 is 21. Find the number.
11. ___ A number increased by eight is 33. Find the number.
12. ___ A number diminished by 15 is 4. Find the number.
13. ___ Twenty-two more than a number is 40. What is the number?
14. ___ One-half of a number is 3. Find the number.
15. ___ A number diminished by 4 is 2. Find the number.
16. ___ One-half of a number is 8. Find the number.
17. ___ Ten less than a number is 6. Find the number.
18. ___ Twenty-three less than a number is 3. Find the number.

Name _____

Tax and Tip (Percent) Word Problems

1. A bicycle is on sale for $189.50. The sales tax rate is 5%. What is the total price?

2. Rosa and her friends are eating out for dinner. The bill was $45.80. They want to leave a 20% tip. How much should they leave for tip?

3. Rick bought 3 shirts for $18 each, 2 pair of socks for $3.99 a pair, and a pair of slacks for $45.00. The sales tax rate is 8.5%. How much did he pay?

4. The Rodriguez family went to dinner at Pasta Palace. Mr. Rodriguez ordered a meal for $6.25; Mrs. R ordered a meal for $7.50; the 2 children ordered individual pizzas for $4.99 each. The sales tax rate was 7.25% and they left a 15% tip. How much was the total bill?

5. Megan bought 50 beads for $9.95. She received a 10% discount, and she paid a sales tax of 6%. How much did she pay for the beads?

6. Eric bought a canoe for $333.75. The sales tax was 5.25%. What was his total cost?

7. Shinya went to the salon. The cost of her haircut was $16.00. He tipped the barber 15%. What was the total cost?

8. A snowmobile priced at $2,800 is on sale for 20% off. The sales tax rate is 8.25%. What is the sale price including tax?

9. Lisa's store collects 5% sales tax on every item sold. If she collected $22.00 in sales tax, what was the cost of the items her store sold?

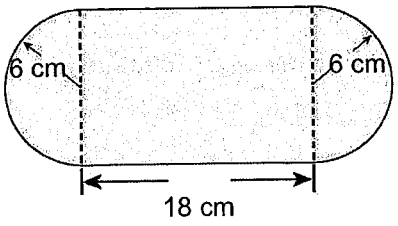
Name : _____ Score : _____

Teacher : _____ Date : _____

Compound Shapes

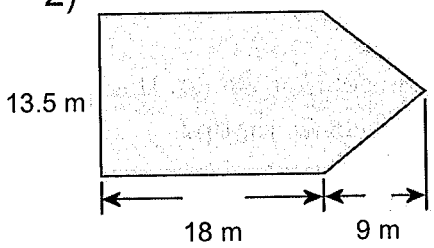
Find the area of each figure, round your answer to one decimal place if necessary.

1)



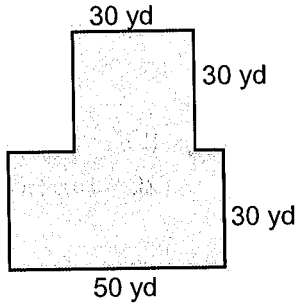
Area: _____

2)



Area: _____

3)



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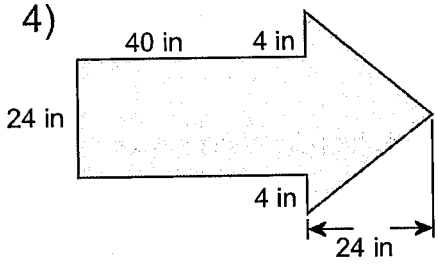
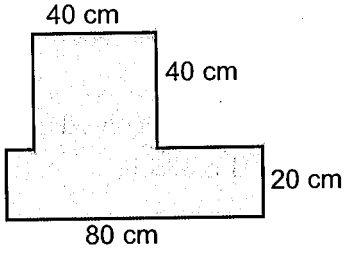
4)



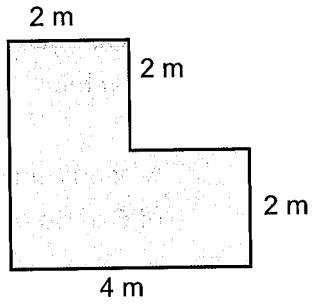
Area: _____

5)



Area: _____

6)



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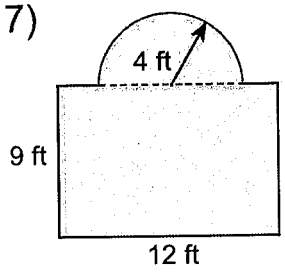
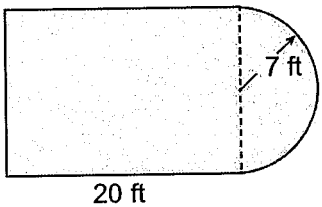
7)



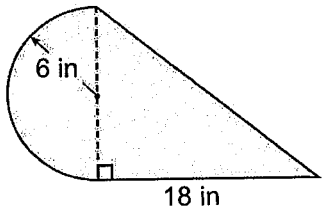
Area: _____

8)



Area: _____

9)



Area: _____

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