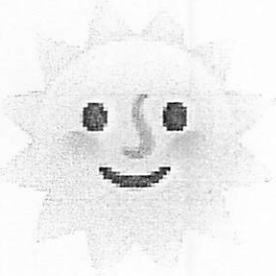


Summer Math 2024

Dear Parents:

We are so proud of the students in accelerated/honors math classes this year. We look forward to having them in class next year! In order to maintain academic success, they must continue to learn, practice, and review, even over the summer. By taking time to review and practice essential math skills over the summer, students will create more opportunities to find success the following year, while preventing summer learning loss. Every student will need to complete the summer math packet. This packet is due on the first day of school and will be counted as the first grade of the 1st trimester.

Enjoy the Summer!

Thanks,

Mrs. Koch and Mrs. Bauer

Summer Lesson 1

Write: five hundred seventy six in standard form.	60,000 + 5000 + 90 + 7 in standard form
Write: 51,564 in expanded form	Write: 205,049 in expanded form
Given: 658,974 What is the place and value of the 9? Place:_____ Value: _____	Given: 1,254,730 What is the place and value of the 2? Place:_____ Value: _____
Order the following from least to greatest: 31,452 ; 31,425 ; 31,115, 31,568	Order the following from least to greatest: $25.10 ; $52.10 ; $51.20
Round 8,954 to the hundreds place.	Round 54,954 to the ten thousands place.

176 + 24 + 369 + 51 =	902,005 – 63125 =
$78.25 + $29.25 =	$542.65 - $66.25 =
23589 + 5689	65489 - 989
5687 568 + 478	500.00 - 89.45
Mary bought a shirt for $23.56 and a skirt for $29.66. How much did she spend? If she paid with a $100, then how much change did she get back?	John spent $80.56 at the store. He purchased two items. The shirt he purchased cost $30.86. How much was the price of the second item?

Summer Lesson 5

Write the **place** and **value** of the underlined digits.

	PLACE	VALUE
46,2<u>1</u>4	_____	_____
<u>8</u>,235,214	_____	_____
5,2<u>0</u>0,874	_____	_____

Write in **standard** form.

Twenty-one thousand, seven hundred eleven

_____

8000 + 50 + 3

_____

Add/subtract money.

$16.90
+$26.54

$259.65
-$ 65.32

Multiply.

648 x 67 =_____

45 x 15 = _____

Find the number that comes between.

50 and 150 _____

150 and 250 _____

Given:

$6\overline{)42}$ = 7

What is the **divisor**? _____

What is the **dividend**? _____

What is the **quotient**? _____

Write in **expanded** form.

548,635

_____

Add.

37	3589
65	8336
58	4528
+12	+7361

Problem **solving.**

The orchard has 17 rows of peach trees. There are 16 trees in each row. Does the orchard have more than 300 peach trees?

_____

Compare. Use <,>, or =.

15,458 _____ 15,587 $11.52 _____ $11.25

Write in **expanded** form.

548,635

_____

Divide and **check.**

3 ⟌ 25 7 ⟌ 87

Rounding to the underlined digit.

$6̲5.24 _____

1̲48,361 _____

Problem **solving.**

A fence around the orchard is 894 feet long. Every foot of fencing has 3 posts. How many posts are in the fence?

_____

Write in order from **least** to **greatest.**

$24.25 ; $24.16 ; $24.52 ; $24.61

_____

Write the value of the **change** you would receive.

Cost: $2.79
Amount given: $5.00

_____

Estimate by **rounding** to the greatest place.

42 + 56 = _____

5219 – 658 = _____

Summer Lesson 6

Compare the units of length.

4 cm _____ 500 mm

Problem **solving**.

Danny has saved $15.00 for a birthday present for her mother. She spends $12.76 for earrings. Does she have enough money to buy a gift bag that costs $2.98?

_____

Round to the underlined digit.

7,8̲68 _____

2̲34 _____

Write the number in written form.

345, 760

_____

Compare the units of mass.

3 kg _____ 3,600 g

Multiply.

$$\begin{array}{r} 345 \\ \times\ 32 \\ \hline \end{array}$$

Divide.

$7\overline{)546}$

Compare the units of measure.

10 km _____ 1000 cm

Estimate each sum by rounding.

$$\begin{array}{r} 207 \\ +365 \\ \hline \end{array} \qquad \begin{array}{r} \$40.25 \\ +\ \$12.78 \\ \hline \end{array}$$

Multiply.

$$\begin{array}{r} 789 \\ \times\ 24 \\ \hline \end{array}$$

Circle the best estimate.

A bottle of water would hold...

a. 1 mL b. 10 mL c. 1 L

Write the number in expanded form.

4, 827, 100

_____

Find the missing minuend or subtrahend.

p – 9 = 18 p = _____

15 – k = 7 k = _____

Find the sum.

4	8 5	82
+8	+9	+45

Multiply money amounts.

$0.36	$4.16
x 4	x 8

Problem **solving**.

A box of candy has a mass of 525 g. Would two boxes of candy have a mass that is more or less than 1 kg?

_____

Compare the units of capacity.

150 L _____ 15,000 mL

Subtract.

80025 – 987 =

Problem **solving**.

Alex buys a dog collar and a leash that cost $11.56. Alex paid with a twenty-dollar bill. How much change should he receive?

_____

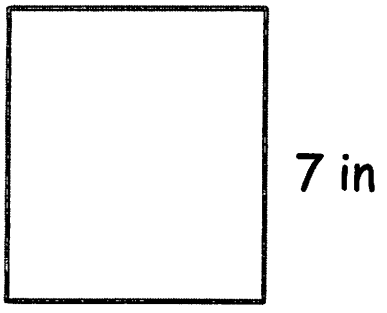
Add:

568 + 125 + 36 + 84 =

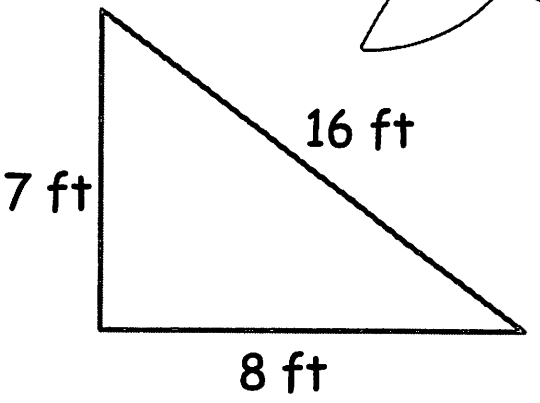
Name: _____

Finding the perimeter.

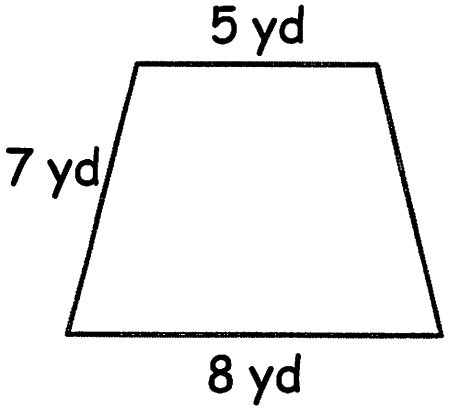
Directions: Add the length of the sides to find the perimeter of each shape.



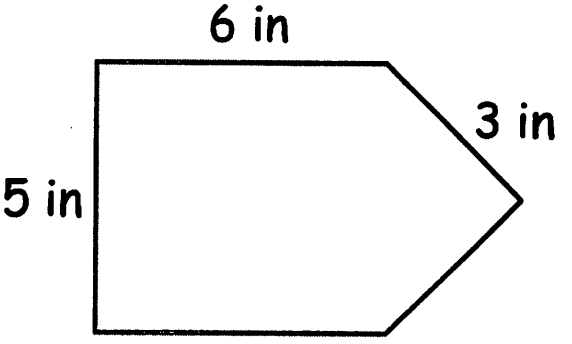
The perimeter is: _____



The perimeter is: _____



The perimeter is: _____



The perimeter is: _____

Name: _____

Telling Time Word Problems

Directions: Read and solve each word problem.

It is 6:30. What time will it be in 2 hours and 15 minutes?

_____

It is 3:15. What time will it be in 3 hours and 30 minutes.

_____

It is 1:45. What time will it be in 4 hours and 10 minutes?

_____

It is 8:45. What time was it 2 hours and 30 minutes ago?

_____

It is 10:50. What time was it 4 hours and 10 minutes ago?

_____

It is 5:30. What time was it 3 hours and 20 minutes ago?

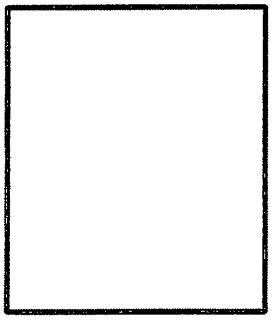
_____

Name: _____

Finding the Area

Directions: Multiply the length by width to find the area.

9 cm



12 cm

The area is:

_____

17 m

3 m

The area is:

_____

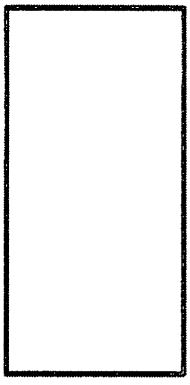
12 mm

7 mm

The area is:

_____

8 cm



18 cm

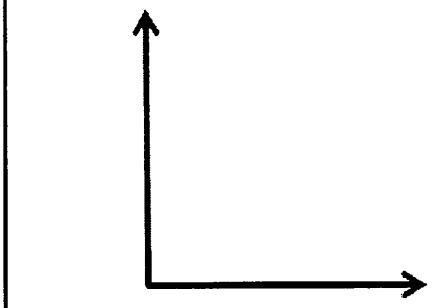
The area is:

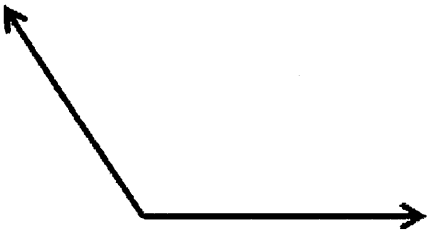
_____

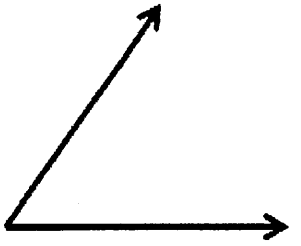
Name: _____

Identifying Angles

Directions: Identify each angel below as acute, right or obtuse.







Facts Practice 2: Division

Directions: Set timer for 5 minutes.

1. $96 \div 12 =$ ☐
2. $9 \div 1 =$ ☐
3. $54 \div 6 =$ ☐
4. $80 \div 10 =$ ☐
5. $72 \div 6 =$ ☐
6. $15 \div 3 =$ ☐
7. $50 \div 10 =$ ☐
8. $70 \div 7 =$ ☐
9. $32 \div 4 =$ ☐
10. $90 \div 9 =$ ☐
11. $9 \div 9 =$ ☐
12. $2 \div 2 =$ ☐
13. $30 \div 6 =$ ☐
14. $22 \div 2 =$ ☐
15. $72 \div 9 =$ ☐
16. $30 \div 10 =$ ☐
17. $99 \div 11 =$ ☐
18. $120 \div 12 =$ ☐
19. $100 \div 10 =$ ☐
20. $20 \div 5 =$ ☐
21. $8 \div 8 =$ ☐
22. $9 \div 9 =$ ☐
23. $11 \div 11 =$ ☐
24. $10 \div 10 =$ ☐
25. $8 \div 1 =$ ☐
26. $66 \div 11 =$ ☐
27. $110 \div 11 =$ ☐
28. $11 \div 1 =$ ☐
29. $9 \div 9 =$ ☐
30. $54 \div 9 =$ ☐
31. $56 \div 7 =$ ☐
32. $36 \div 4 =$ ☐
33. $16 \div 2 =$ ☐
34. $132 \div 12 =$ ☐
35. $22 \div 11 =$ ☐
36. $28 \div 7 =$ ☐
37. $48 \div 6 =$ ☐
38. $120 \div 10 =$ ☐
39. $132 \div 12 =$ ☐
40. $50 \div 5 =$ ☐
41. $35 \div 7 =$ ☐
42. $24 \div 8 =$ ☐
43. $77 \div 7 =$ ☐
44. $72 \div 6 =$ ☐
45. $5 \div 5 =$ ☐
46. $10 \div 10 =$ ☐
47. $2 \div 1 =$ ☐
48. $110 \div 10 =$ ☐
49. $10 \div 10 =$ ☐
50. $12 \div 4 =$ ☐

Facts Practice 3: Multiplication

Directions: Set timer for 5 minutes.

7x7=	11x7=	12x4=	9x11=	9x9=
6x9=	1x5=	4x8=	10x10=	8x6=
3x6=	11x11=	1x7=	11x9=	9x10=
4x7=	5x5=	1x2=	3x11=	10x8=
6x8=	3x8=	10x12=	4x10=	9x9=
1x4=	7x5=	4x11=	8x4=	4x9=
7x4=	9x2=	3x4=	4x9=	10x5=
3x11=	7x10=	7x9=	5x10=	10x4=
9x9=	3x11=	1x3=	0x5=	9x5=
12x5=	5x10=	8x9=	5x8=	7x8=