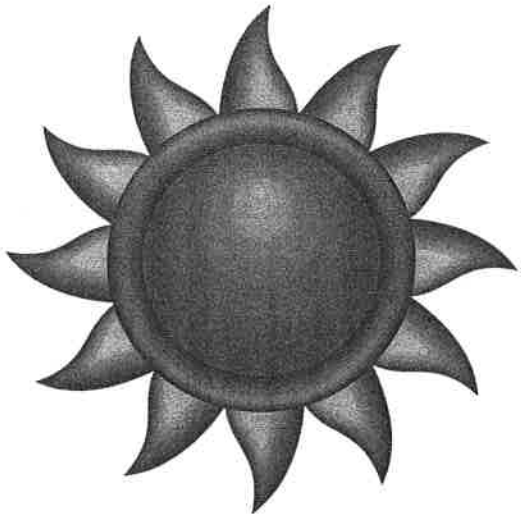
Summer Step Up to Fifth Grade Math Packet



Please give this completed packet to your fifth grade math teacher on the first day of school!

Name _____

Summer Step Up to Fifth Grade Math Packet

Please go over the completed packet to your fifth grade math teacher on the first day of school.

Word Problems with Decimals

1. The tallest building in the city is 456.4 meters tall. The second tallest building in the city is 431.6 meters tall. How much taller is the tallest building?

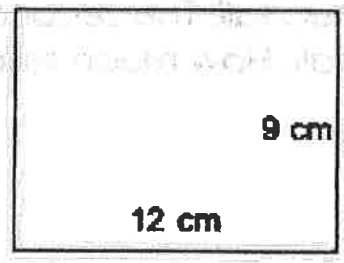
2. The bus is 33.5 feet long. The city train is 45.9 feet longer than the bus. How long is the city train?

3. A bridge is 239.4 meters long. Because of a traffic jam, Ken's car stops after he drives 102.3 meters on the bridge. How much more does he need to drive to get off the bridge?

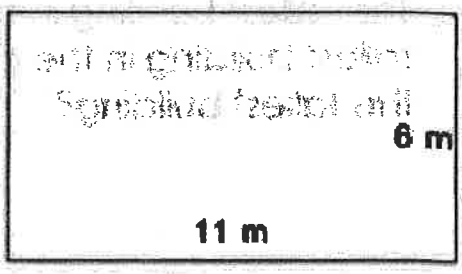
Perimeter and Area

Find the perimeter and area of each rectangle.

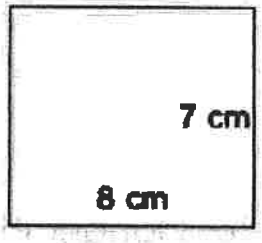
1.



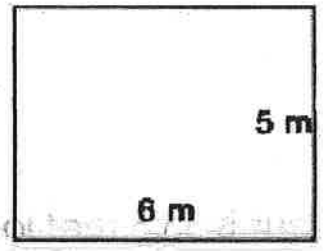
2.



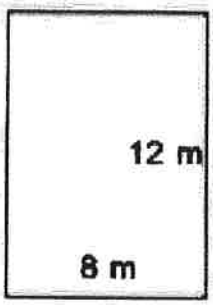
3.



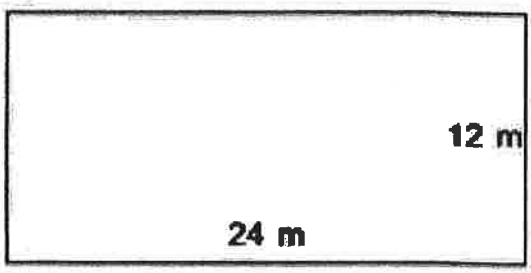
4.



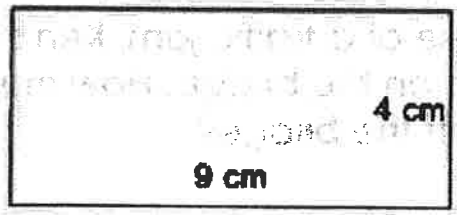
5.



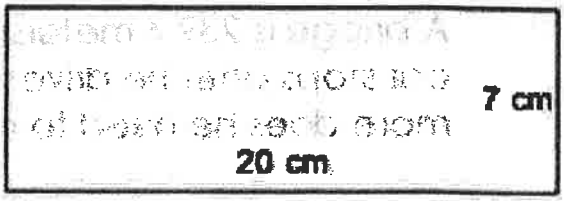
6.



7.



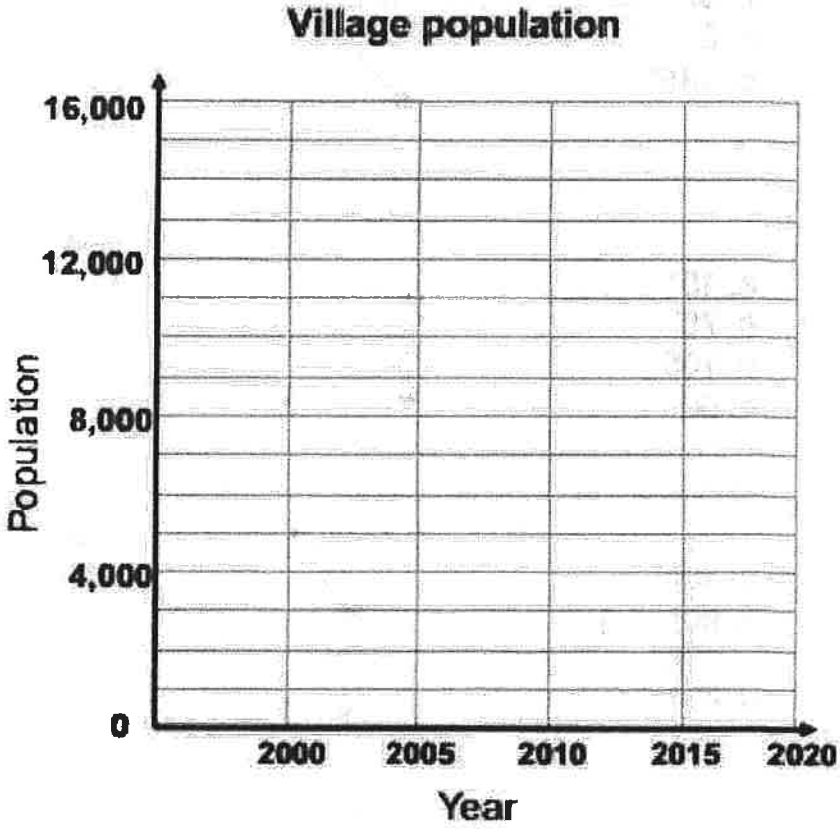
8.



Graphing Data

The data shows the population of a village from year 2000 to 2020. Draw a line graph using the data.

Year	Population
2000	3,000
2005	7,000
2010	9,000
2015	8,000
2020	10,000



1. What was the village population in 2010? _____
2. What was the increase in population from 2000 to 2010? _____
3. In which year did the population have a decrease of 1,000? _____
4. In which years did the population have an increase of 4,000? _____
5. What was the change in population from 2000 to 2020? _____

Estimating Angles

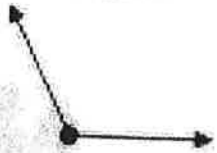
Choose the best estimate of the size of the angles shown.

1.

a. 45°
b. 90°
c. 5°
d. 135°

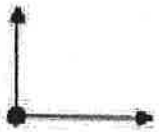
2.

a. 180°
b. 90°
c. 120°
d. 170°



3.

a. 15°
b. 75°
c. 105°
d. 90°



4.

a. 25°
b. 70°
c. 165°
d. 135°

5.

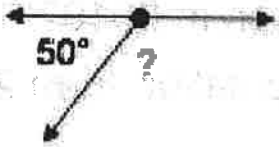
a. 105°
b. 90°
c. 150°
d. 45°

6.

a. 180°
b. 110°
c. 90°
d. 140°

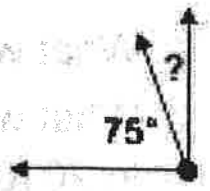
7.

a. 75°
b. 110°
c. 130°
d. 85°



8.

a. 5°
b. 10°
c. 15°
d. 25°

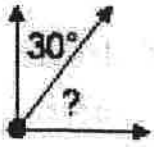


9.

a. 10°
b. 15°
c. 20°
d. 25°

10.

a. 65°
b. 70°
c. 60°
d. 50°



Long Division

Find the quotient with remainder.

1. $4\overline{)6,743}$

2. $2\overline{)7,685}$

3. $2\overline{)8,731}$

4. $7\overline{)8,360}$

5. $4\overline{)5,910}$

6. $5\overline{)4,817}$

7. $8\overline{)3,515}$

8. $7\overline{)5,134}$

9. $8\overline{)6,029}$

Name: _____

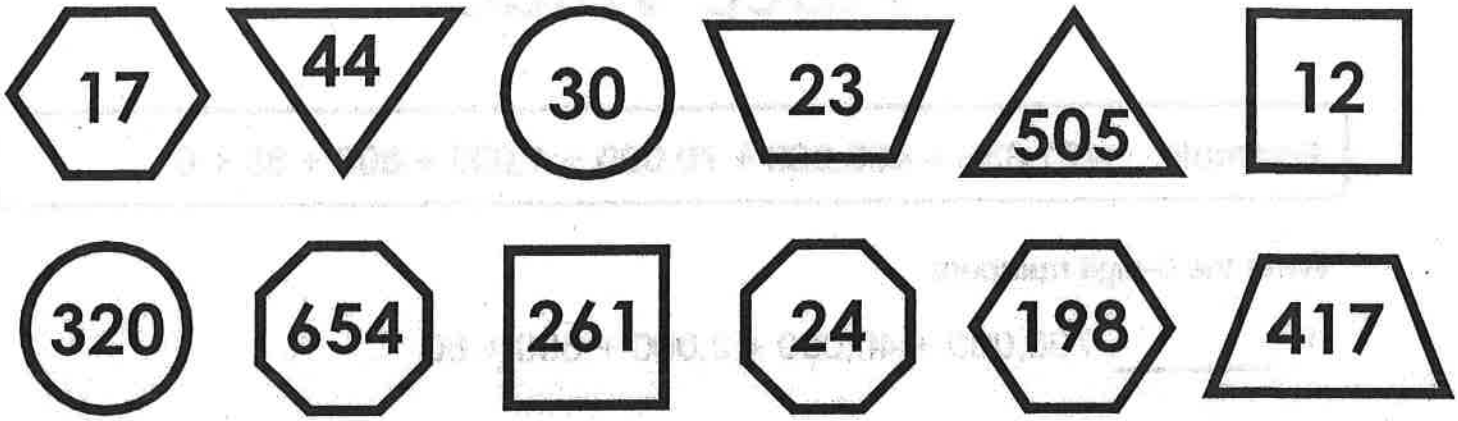
Decimals: Hundredths

	decimal number	word name	fraction or mixed number
a.	1.4	one and four tenths	
b.		five and fifteen hundredths	$5\frac{15}{100}$
c.	0.9		
d.		nine hundredths	
e.			$3\frac{74}{100}$
f.	6.4		
g.		eight and eight hundredths	
h.			$\frac{2}{10}$
i.	11.19		
j.		one and six tenths	

Name: _____

Multiplying 3-Digit Numbers by 2-Digit Numbers

Shape Multiplication



Find the product of the numbers in the circles.	Find the product of the numbers in the trapezoids.	Find the product of the numbers in the octagons.
Find the product of the numbers in the squares.	Find the product of the numbers in the triangles.	Find the product of the numbers in the hexagons.

Math

Place Value

Example: 471,836 = 400,000 + 70,000 + 1,000 + 800 + 30 + 6

Write the 6-digit numbers

1. _____ 700,000 + 40,000 + 2,000 + 500 + 60
2. _____ 900,000 + 10,000 + 1,000 + 200 + 40 + 4
3. _____ 200,000 + 80,000 + 8,000 + 900 + 30 + 8
4. _____ 900,000 + 40,000 + 3,000 + 900 + 20
5. _____ 500,000 + 10,000 + 3,000 + 100 + 70
6. _____ 600,000 + 9,000 + 600 + 30 + 4
7. _____ 600,000 + 30,000 + 5,000 + 300 + 60 + 3
8. _____ 300,000 + 50,000 + 7,000 + 800 + 60 + 5
9. _____ 700,000 + 90,000 + 4,000 + 400 + 50 + 1
10. _____ 300,000 + 30,000 + 6,000 + 500 + 20 + 4

Order of Operations

Solve the following.

1) $(40 + 14) \div 6 =$ _____

2) $40 \times (14 - 6) =$ _____

3) $35 + 6 \times (30 - 23) =$ _____

4) $35 + 6 \times 30 - 23 =$ _____

5) $19 + 40 \div 5 - (8 + 5) =$ _____

6) $(19 + 2) \div (9 - 2) + 14 =$ _____

7) $24 \div 6 + 4 \times (3 + 6) =$ _____

8) $6 \times (21 - 12 - 7) + 24 \div 3 =$ _____

9) $(34 - 26) \times 3 - (20 - 8) \div 6 + 33 =$ _____

10) $6 \times 21 - 12 - 7 + 24 \div 3 - (33 + 12) =$ _____

Name: _____

Simplifying Fractions

Simplify each fraction.

a. $\frac{2}{8}$ = **b.** $\frac{4}{10}$ = **c.** $\frac{3}{6}$ = **d.** $\frac{4}{12}$ =

e. $\frac{7}{14}$ = **f.** $\frac{2}{20}$ = **g.** $\frac{3}{9}$ = **h.** $\frac{6}{9}$ =

i. $\frac{8}{10}$ = **j.** $\frac{5}{15}$ = **k.** $\frac{8}{72}$ = **l.** $\frac{5}{20}$ =

m. $\frac{4}{6}$ = **n.** $\frac{21}{28}$ = **o.** $\frac{4}{18}$ = **p.** $\frac{33}{55}$ =

q. What is $\frac{3}{18}$ written in simplest form? Explain how you found your answer.

_____

_____

_____