Subtracting unlike fractions

Grade 6 Fraction Worksheet

Find the difference.

1. $\frac{2}{3} - \frac{2}{4} =$ _____

2. $\frac{5}{9} - \frac{2}{5} =$ _____

3. $\frac{1}{2} - \frac{1}{9} =$ _____

4. $\frac{5}{7} - \frac{5}{11} =$ _____

5. $\frac{7}{9} - \frac{2}{3} =$ _____

6. $\frac{1}{2} - \frac{1}{4} =$ _____

7. $\frac{2}{4} - \frac{3}{7} =$ _____

8. $\frac{4}{7} - \frac{6}{12} =$ _____

9. $\frac{2}{4} - \frac{2}{11} =$ _____

10. $\frac{7}{8} - \frac{3}{8} =$ _____

Adding unlike fractions (denominators 2-12)

Grade 6 Fraction Worksheet

Find the sum of the following fractions.

1. $\frac{4}{5} + \frac{9}{11} =$ _____

2. $\frac{5}{6} + \frac{2}{9} =$ _____

3. $\frac{5}{9} + \frac{3}{8} =$ _____

4. $\frac{2}{12} + \frac{5}{8} =$ _____

5. $\frac{6}{11} + \frac{2}{3} =$ _____

6. $\frac{1}{4} + \frac{7}{10} =$ _____

7. $\frac{5}{6} + \frac{6}{12} =$ _____

8. $\frac{2}{7} + \frac{3}{7} =$ _____

9. $\frac{1}{2} + \frac{2}{6} =$ _____

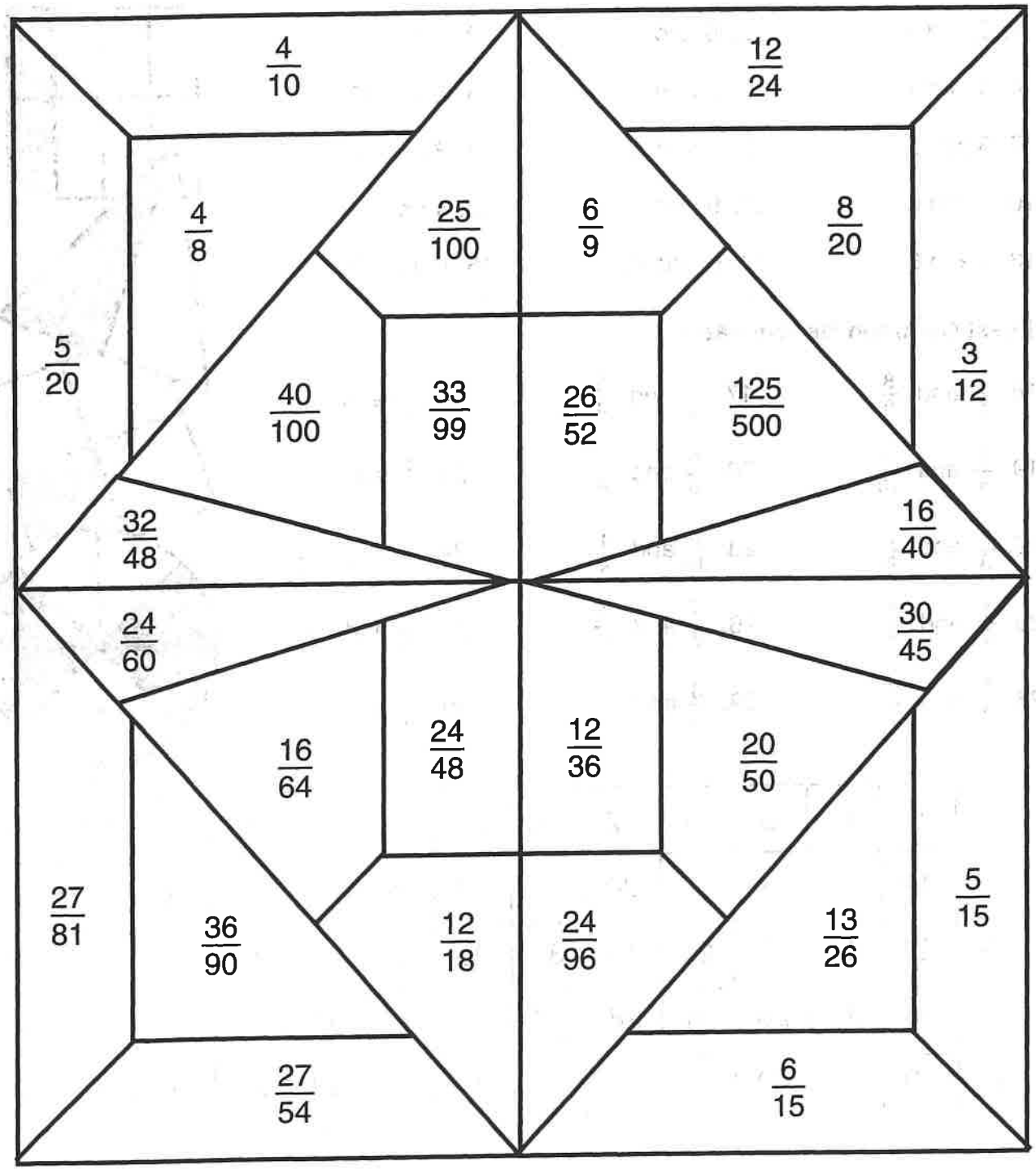
10. $\frac{1}{3} + \frac{3}{12} =$ _____

Name _____

Designer Fractions

Use the code to color equivalent fractions.

$\frac{1}{2}$ = red $\frac{1}{4}$ = blue $\frac{2}{5}$ = green $\frac{1}{3}$ = yellow $\frac{2}{3}$ = orange



Name _____

Shade-In Message

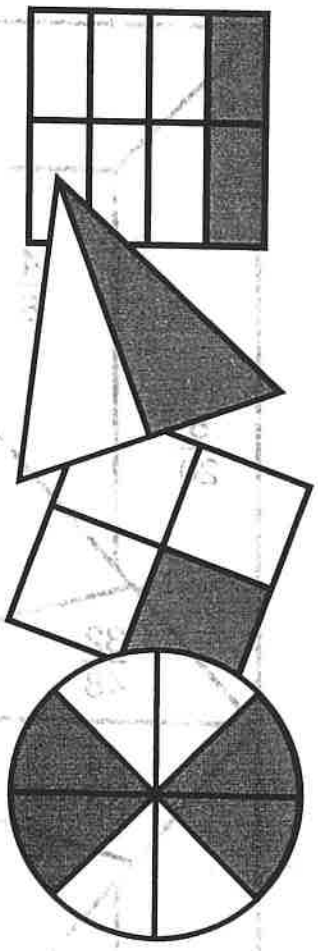
Find the least common multiple or least common denominator. Shade in one section in the box below that matches each answer. When you are finished, you will discover what to use when adding fractions with unlike denominators.

Least Common Multiple

1. 2 and 8
2. 6 and 4
3. 6 and 3
4. 4 and 10
5. 6 and 9
6. 5 and 10
7. 3 and 5
8. 8 and 12
9. 8 and 10
10. 6 and 8
11. 6 and 10
12. 4 and 7
13. 5 and 6
14. 5 and 12
15. 6 and 12

Least Common Denominator

16. $\frac{5}{6}$ and $\frac{8}{9}$
17. $\frac{1}{2}$ and $\frac{3}{4}$
18. $\frac{9}{10}$ and $\frac{1}{2}$
19. $\frac{2}{5}$ and $\frac{7}{10}$
20. $\frac{2}{3}$ and $\frac{3}{5}$
21. $\frac{2}{3}$ and $\frac{3}{4}$
22. $\frac{2}{3}$ and $\frac{7}{9}$
23. $\frac{5}{16}$ and $\frac{1}{4}$
24. $\frac{4}{7}$ and $\frac{3}{28}$
25. $\frac{1}{2}$ and $\frac{3}{5}$
26. $\frac{5}{6}$ and $\frac{1}{4}$
27. $\frac{5}{6}$ and $\frac{1}{12}$
28. $\frac{7}{8}$ and $\frac{2}{3}$
29. $\frac{3}{10}$ and $\frac{3}{4}$
30. $\frac{2}{9}$ and $\frac{3}{15}$



3	8	13	3	11	12	18	24	60	19	6	15	10	31
5	12	7	5	7	30	17	43	37	3	45	19	23	15
37	24	11	7	23	10	31	29	5	19	12	37	29	12
17	28	37	29	41	28	19	7	37	41	10	13	29	9
13	10	30	20	17	40	4	24	12	17	20	16	18	3

Name _____

Riddle Me This

Multiply.

A. $\frac{1}{4} \times \frac{1}{2} =$ _____

B. $\frac{5}{6} \times 3 =$ _____

C. $2\frac{5}{8} \times 6 =$ _____

D. $3 \times \frac{3}{5} =$ _____

E. $\frac{2}{5} \times \frac{8}{16} =$ _____

F. $12 \times \frac{3}{4} =$ _____

G. $\frac{9}{10} \times \frac{5}{6} =$ _____

H. $3\frac{2}{3} \times \frac{3}{10} =$ _____

I. $\frac{1}{6} \times \frac{9}{10} =$ _____

J. $\frac{4}{5} \times 3\frac{1}{3} =$ _____

K. $\frac{7}{10} \times \frac{5}{15} =$ _____

L. $\frac{3}{10} \times \frac{7}{10} =$ _____

M. $\frac{4}{5} \times \frac{7}{8} =$ _____

N. $7\frac{1}{2} \times 1\frac{7}{10} =$ _____

O. $5\frac{1}{8} \times 9\frac{3}{4} =$ _____

P. $2\frac{1}{4} \times \frac{3}{4} =$ _____

Q. $\frac{5}{8} \times \frac{18}{100} =$ _____

R. $\frac{3}{15} \times \frac{5}{9} =$ _____

S. $\frac{1}{4} \times \frac{1}{5} =$ _____

T. $9\frac{1}{5} \times 6\frac{2}{3} =$ _____

U. $\frac{5}{6} \times \frac{2}{3} =$ _____

V. $\frac{1}{3} \times \frac{2}{3} =$ _____

W. $\frac{11}{12} \times \frac{2}{3} =$ _____

X. $4 \times 6\frac{3}{10} =$ _____

Y. $\frac{1}{2} \times 6\frac{3}{4} =$ _____

Z. $8\frac{1}{2} \times 6\frac{2}{3} =$ _____

Use the answers and letters above to answer the riddle.

What kind of table has no legs?

_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
$\frac{1}{8}$	$\frac{7}{10}$	$\frac{5}{9}$	$\frac{21}{100}$	$61\frac{1}{3}$	$\frac{3}{20}$	$1\frac{11}{16}$	$\frac{21}{100}$	$\frac{3}{20}$	$15\frac{3}{4}$	$\frac{1}{8}$	$61\frac{1}{3}$	$\frac{3}{20}$	$49\frac{31}{32}$	$12\frac{3}{4}$

_____	_____	_____	_____	_____
$61\frac{1}{3}$	$\frac{1}{8}$	$2\frac{1}{2}$	$\frac{21}{100}$	$\frac{1}{5}$

Name _____

Let's Divide

Divide. Write the answers in lowest terms, if necessary.

A. $1\frac{1}{4} \div \frac{1}{4} =$ _____ $2\frac{1}{2} \div \frac{1}{2} =$ _____ $\frac{3}{8} \div \frac{1}{4} =$ _____

B. $3\frac{1}{2} \div \frac{7}{8} =$ _____ $2\frac{1}{4} \div \frac{3}{4} =$ _____ $6 \div \frac{1}{3} =$ _____

C. $2\frac{1}{4} \div \frac{3}{8} =$ _____ $1\frac{1}{2} \div \frac{3}{8} =$ _____ $3\frac{1}{2} \div 1\frac{5}{6} =$ _____

D. $\frac{3}{4} \div \frac{1}{8} =$ _____ $2 \div \frac{1}{4} =$ _____ $\frac{4}{7} \div \frac{2}{3} =$ _____

E. $\frac{1}{2} \div \frac{1}{4} =$ _____ $2\frac{1}{2} \div \frac{1}{2} =$ _____ $\frac{1}{4} \div \frac{1}{8} =$ _____

F. $2\frac{5}{8} \div \frac{1}{8} =$ _____ $\frac{5}{6} \div \frac{3}{18} =$ _____ $1\frac{3}{4} \div \frac{1}{16} =$ _____

G. $1\frac{1}{4} \div \frac{5}{8} =$ _____ $\frac{7}{12} \div \frac{2}{3} =$ _____

Name _____

In the Sky

Complete each number to make the expression true.

A.	0.30___9 < 0.3019	0.___45 >0.29	34.3___ > 35.37
B.	16.788 < 16.7___8	8.42___ > 8.427	___.067 < 1.0671
C.	3.416 > ___.416	28.___47 < 28.147	0.03243 < 0.03___2
D.	5.345 > 5.___45	0.06___83 < 0.06184	178.___71 > 178.789
E.	3.99___ < 3.999	2.527 > 2.___48	17.098 > 1___.908
F.	2.0___3 >1.999	17.6 > 1.___06	2___7.095 < 217.099

Write the decimals in order from least to greatest.

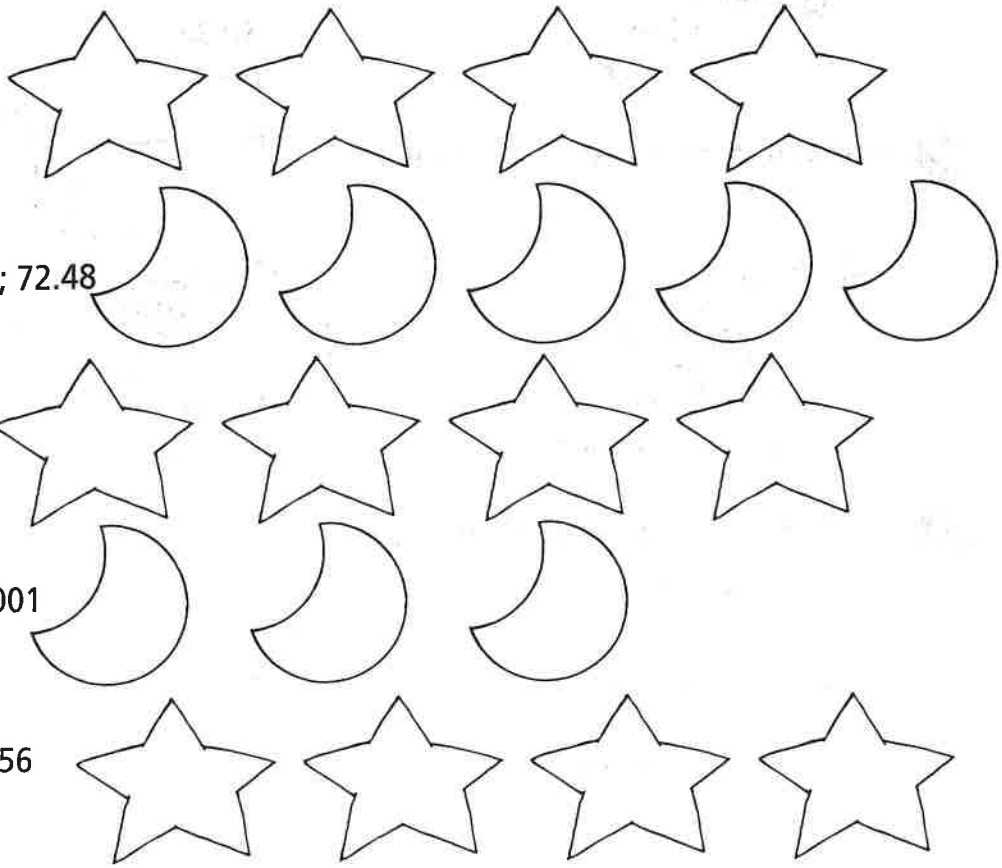
G. 16.39; 16.8; 16.7; 16.79

H. 72.59; 56.56; 73.1; 56.6; 72.48

I. 0.06; 0.6; 6.060; 0.006

J. 109.041; 104.091; 401.001

K. 5.5508; 5.5880; 5.58; 5.56

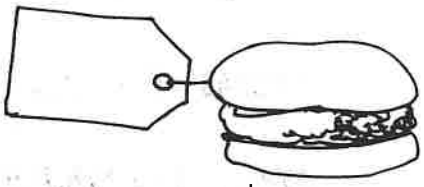


Name _____

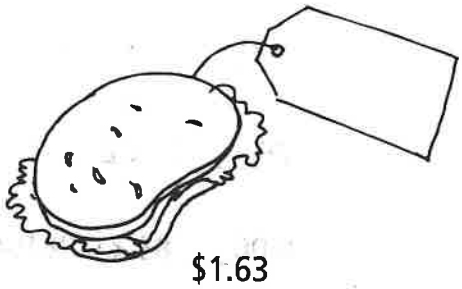
Order, Please!

Frank worked for his sister at the school snack shop. In one hour, he took orders for 20 items. He had to keep track of prices in his head, so he decided to round the prices. Help Frank round each price. Write the number on the price tag.

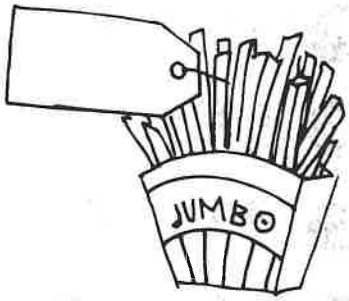
A. Round to the nearest dollar.



$1.44
hamburger

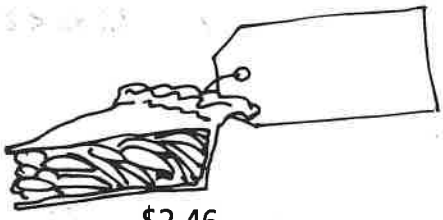


$1.63
ham sandwich

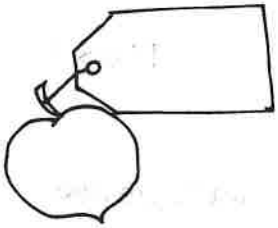


$2.37
jumbo french fries

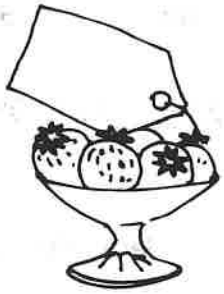
B. Round to the nearest tenth.



$2.46
apple pie



$0.34
peach

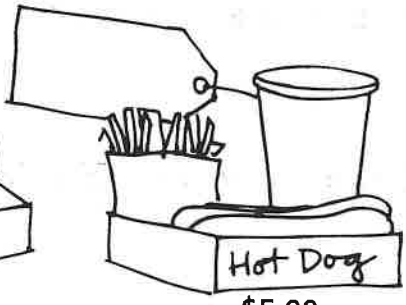


$1.19
strawberries

C. Round to the nearest whole number.

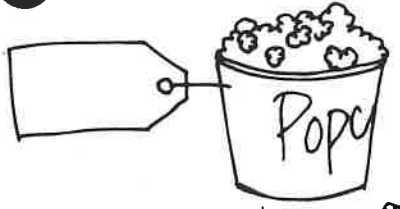
$6.35
special deal meal

$12.59
value meal

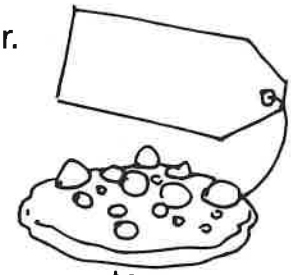


$5.99
hot dog meal

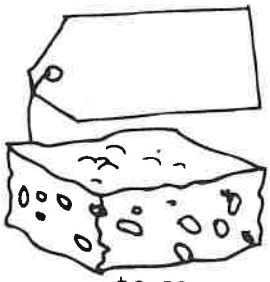
D. Round to the nearest whole number.



$1.29
jumbo popcorn



$2.54
giant cookie



$0.62
brownie

Name _____

Make an Equation

Use the numbers in each circle to create a multiplication equation with two factors and a product. Do the multiplication to check your answer.

1. 5.2, 6.396, 1.23

123 x 52 = 6.396

2. 0.86, 2.107, 2.45

3. 18.8, 45.12, 2.4

4. 0.8, 4.6, 3.68

5. 4.8, 34.56, 7.2

6. 2.38, 3.4, 0.7

7. 2.78, 1.112, 0.4

8. 68.08, 14.8, 4.6

9. 6.8, 2.856, 0.42

10. 0.85, 3.077, 3.62

11. 0.75, 0.1875, 0.25

12. 2.4, 1.025, 2.46

13. 2.3, 11.914, 5.18

14. 0.31, 0.0434, 0.14

15. 0.7, 0.494, 6.42

Name _____

Pig Tales

Mack and Sandy raise pigs. Estimate and underline the answer.

A. On Wednesday, Mack and Sandy needed to move 100 pigs from one part of the farm to another. If they can walk .96 miles an hour, how far can they go in 6.42 hours?

About 10 miles About 4 miles About 6 miles About 2 miles

B. Mack and Sandy own 1,021 pigs. Each pen has enough room for 78.7 pigs. About how many pens do they need?

About 13 pens About 10 pens About 8 pens About 5 pens

C. Sandy and Mack need to buy food for the piglets. Each bag of food weighs 58.32 pounds. If each piglet eats about 2.10 pounds every day, about how long will it take one piglet to eat a whole bag of feed?

About 15 days About 30 days About 150 days About 60 days

D. They put the pigs in trucks when they go to the market. The biggest truck on the farm can carry about 4,989.92 pounds. If each pig weighs about 204.23 pounds, about how many pigs can they put in one truck?

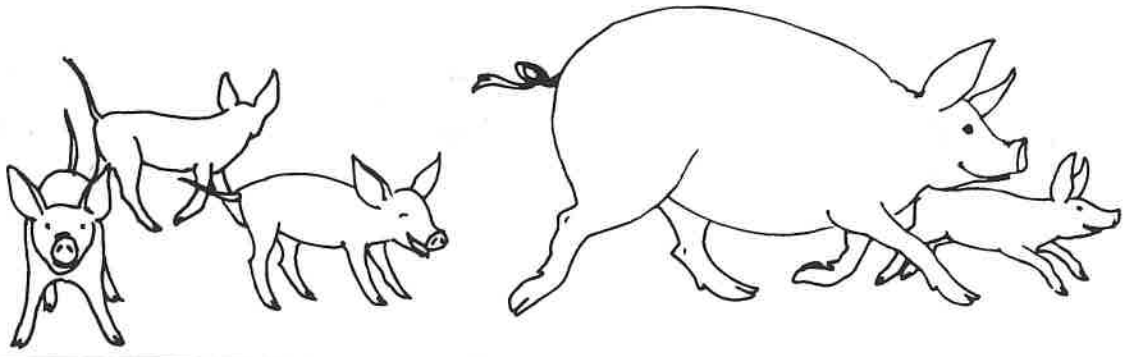
About 20 pigs About 15 pigs About 12 pigs About 25 pigs

E. On Thursday, the kids washed out the pig pens. They worked for about 4.85 hours. Each hour they used 1,026 gallons of water. About how much water did they use in all?

About 5,000 gallons About 100 gallons About 102 gallons About 6,000 gallons

F. If each sow can be expected to have about 9.83 piglets each year, about how many piglets will be born in 3 years?

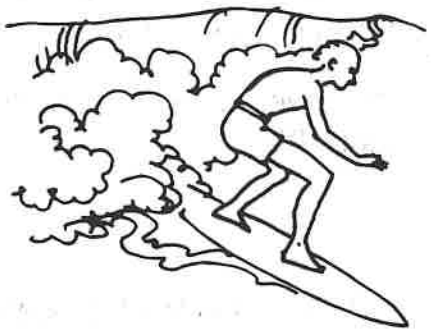
About 1,000 piglets Not enough information About 9,000 piglets About 5,000 piglets



Name _____

Surfing with Decimals

Divide.



Remember to place the decimal point in the quotient.

A. $5\overline{)4.85}$ $3\overline{)13.65}$

B. $84\overline{)264.6}$ $4\overline{)16.68}$ $5\overline{)95.5}$ $32\overline{)258.24}$

C. $11\overline{)2.464}$ $13\overline{)35.49}$ $9\overline{)58.5}$ $6\overline{)144.54}$

D. $52\overline{)431.08}$ $19\overline{)2,331.3}$ $12\overline{)494.4}$ $4\overline{)337.8}$

Name _____

Flocking Together

In Australia, huge trees are filled with birds at sunset. Although it can be hard to see these birds at first, you can always hear them! Write a decimal and a percent for each fraction.

A. Of the parrots in the tree, $\frac{8}{12}$ were green. Round to the nearest hundredth.

_____

B. Four-twelfths of the parrots in the tree were blue.

_____

C. Five flocks of cockatoos landed in the tree just as the sun set. Four-fifths of these birds were white with yellow crests on their heads.

_____

D. Three-fifths of the pink cockatoos were less than two years old.

_____

E. Of the black cockatoos in the tree, $\frac{3}{4}$ sat at the top of the tree.

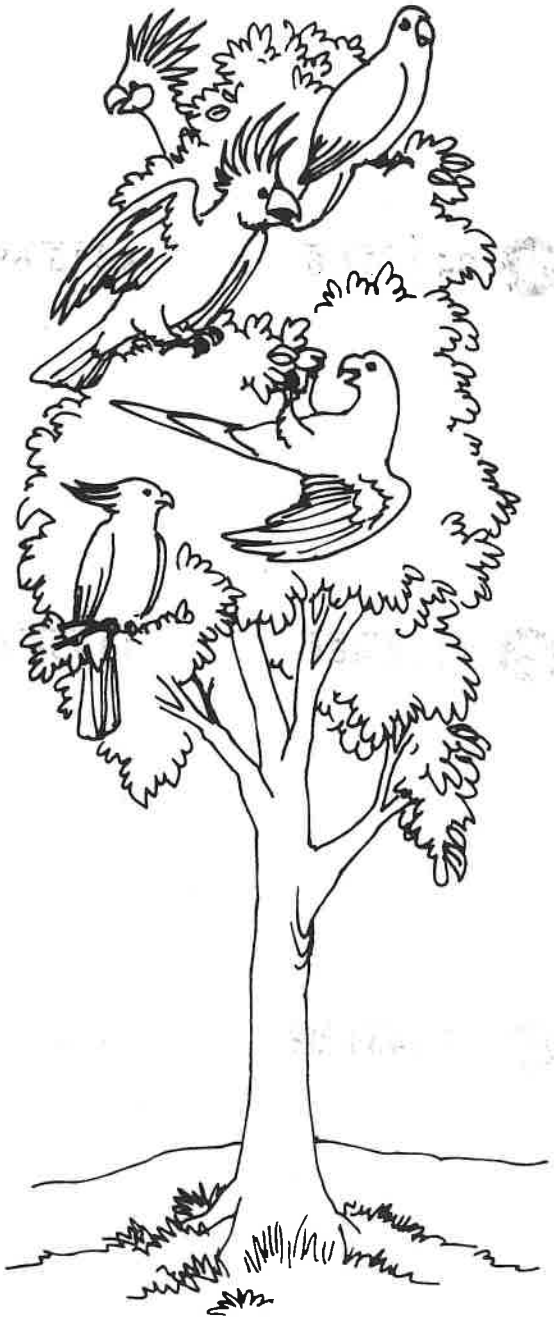
_____

F. Five twenty-fifths of the black cockatoos watch the skies for danger.

_____

G. When the sun rises, $\frac{2}{5}$ of the birds in the tree fly away looking for food.

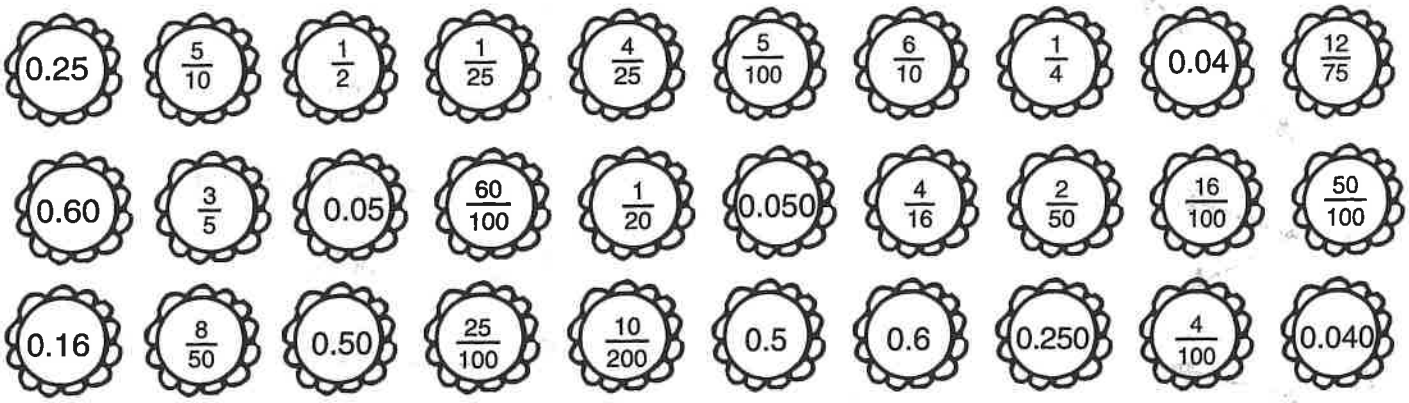
_____

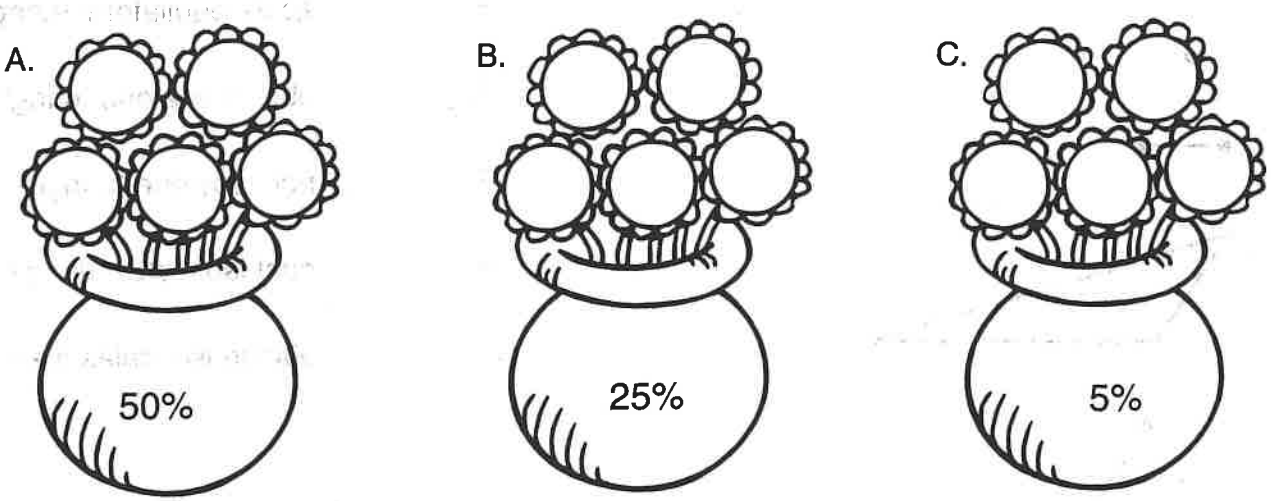


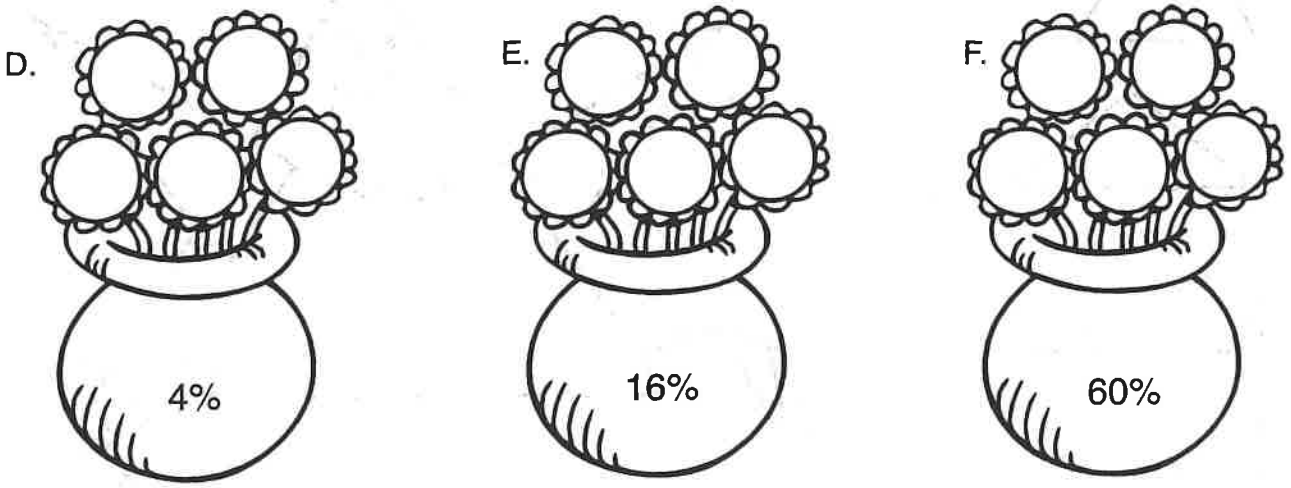
Name _____

Delightful Daisies

On the flowers in each vase, write the fractions and decimals that are equivalent to the percent shown.







MATH REVIEW

Name _____

Geometry Glossary

Match each picture to its name.

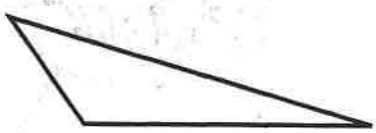
A. 

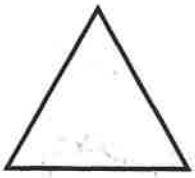
B. 

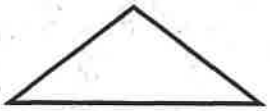
C. 

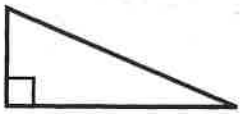
D. 

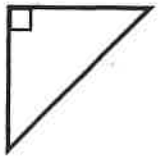
E.

F. 

G. 

H. 

I. 

J. 

1. _____ angle
2. _____ line
3. _____ line segment
4. _____ point
5. _____ ray
6. _____ acute equilateral triangle
7. _____ obtuse scalene triangle
8. _____ right scalene triangle
9. _____ right isosceles triangle
10. _____ obtuse isosceles triangle