4th grader

Into 5R

Summer Math Packet

Here is the review summer math packet. All students entering 5th grade MUST complete all of the math papers in this packet.

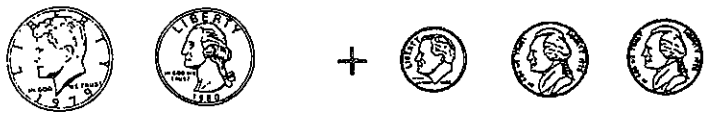
Please bring the completed math packet to school on the first day.

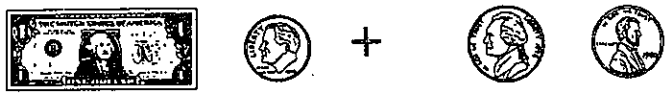
Thank you

STUDENTS ENTERING 5th gr.

Name _____ **Addition—Dollar, All Coin**

Add. Circle the correct total amount.

a.  = $.75 $.85 $.95

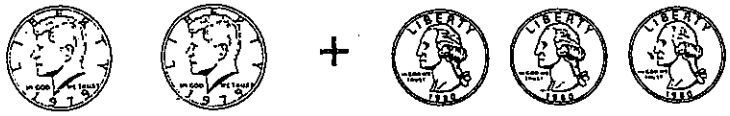
b.  = $1.16 $1.06 $1.00

c.  = $1.08 $1.38 $1.10

d.  = $1.40 $1.07 $1.19

e.  = $1.76 $1.75 $1.06

f.  = $1.60 $1.70 $1.80

g.  = $1.75 $1.60 $1.56

h.  = $1.14 $1.05 $1.56

i.  = $1.70 $1.52 $1.01

Name_____ **Decimals: Subtracting Money in Decimal Form, with Some Regrouping**

Subtract. Don't forget the decimal point.

Examples:		2 10 $4.~~3~~~~0~~ − 3.12 **$1.18**	2 11 $~~3~~.~~1~~9 − 1.87 **$1.32**	4 16 $11.~~5~~~~0~~ − 7.27 **$4.29**	$3.25 − $3.15 **$ .10**
A.	$5.59 − 3.54	$18.48 − 6.81	$1.28 − .42	$12.43 − 2.51	$5.54 − 3.21
B.	$10.47 − 2.83	$5.48 − .96	$8.69 − 2.56	$4.70 − 1.76	$1.99 − .69
C.	$6.49 − 4.29	$10.50 − 7.10	$15.46 − 3.43	$13.07 − 9.45	$1.59 − .96
D.	$3.45 − 2.44	$5.08 − 3.12	$3.58 − 2.17	$8.36 − 2.36	$9.56 − 8.49
E.	$5.58 − 3.64	$7.96 − 4.75	$ .87 − .55	$12.80 − 8.65	$4.57 − 3.72
F.	$8.81 − 3.60	$12.88 − 4.95	$17.77 − 6.54	$36.97 −15.75	$6.62 − 3.50

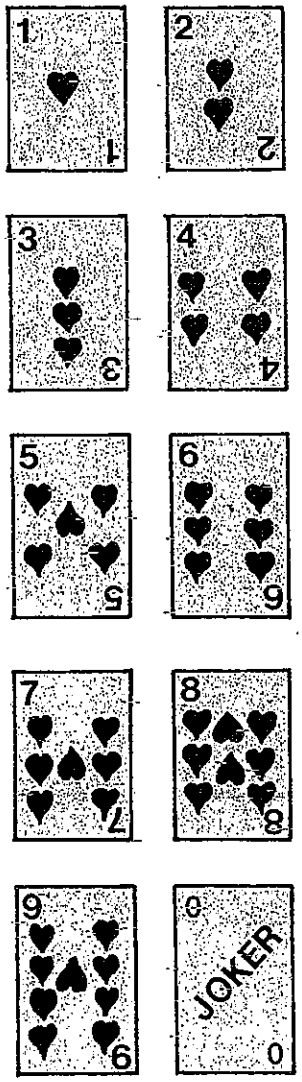
Missing Factors

The Go-Getters passed the time on the bus by playing "Missing Factors" with their playing cards.

To find a missing factor, think of a multiplication fact.

Write each missing factor in the blank. ~~Draw a line from the card to the problem with the missing factor. You may use a card more than once.~~

1. 5 × 2 = 10
2. ___ × 7 = 49
3. ___ × 1 = 1
4. ___ × 4 = 36
5. ___ × 8 = 24
6. ___ × 6 = 30
7. ___ × 2 = 14
8. ___ × 5 = 45
9. ___ × 1 = 3
10. ___ × 6 = 42
11. ___ × 3 = 15
12. ___ × 6 = 54
13. ___ × 5 = 5
14. ___ × 4 = 12



7 × ___ = 14

8 × ___ = 48

4 × ___ = 0

3 × ___ = 18

6 × ___ = 24

1 × ___ = 8

5 × ___ = 0

2 × ___ = 4

3 × ___ = 12

4 × ___ = 32

1 × ___ = 2

9 × ___ = 0

5 × ___ = 40

4 × ___ = 16

Skill: finding missing factors in multiplication

NAME _____

Out Of Place

In each row, one answer is different.

Ring the answer that is different.

1. $3\overline{)900}$

2. $5{,}296 - 4{,}996$

3. 175×2

4. $293 + 7$

5. $118 + 323$

6. 21×21

7. $2{,}064 - 623$

8. $2\overline{)882}$

9. $286 + 39$

10. $3\overline{)972}$

11. $8{,}974 - 8{,}649$

12. 65×5

13. 23×22

14. $2\overline{)992}$

15. $199 + 297$

16. $3{,}991 - 3{,}495$

DIVISION WITH REMAINDERS: 1-DIGIT AND 3-DIGIT DIVIDENDS

Divide and write the quotient and remainder.

Example:

$$\begin{array}{r} 162\ R3 \\ 4\overline{)651} \\ \underline{4} \\ 25 \\ \underline{24} \\ 11 \\ \underline{8} \\ 3 \end{array}$$

1. $4\overline{)531}$ 2. $5\overline{)673}$ 3. $6\overline{)982}$ 4. $3\overline{)417}$

5. $7\overline{)859}$ 6. $9\overline{)983}$ 7. $8\overline{)789}$ 8. $2\overline{)305}$

9. $9\overline{)861}$ 10. $7\overline{)496}$ 11. $3\overline{)759}$ 12. $4\overline{)987}$

13. $8\overline{)908}$ 14. $6\overline{)932}$ 15. $7\overline{)390}$ 16. $3\overline{)700}$

Maintenance

Add, subtract, multiply, or divide.

1. $534 + 27 + 695$

2. $43.1 + 597 + 48.7 + 1{,}680$

3. $8{,}216 - 6{,}579$

4. $5{,}026.13 - 709.06$

5. 725×50

6. 800×79

7. 209×73

8. 842×91

9. $35\overline{)980}$

10. $42\overline{)957}$

11. $63\overline{)200}$

12. $13\overline{)800}$

Maintenance

Divide.

1. $4\overline{)28}$
2. $5\overline{)35}$
3. $8\overline{)40}$
4. $6\overline{)12}$
5. $3\overline{)16}$
6. $7\overline{)15}$
7. $9\overline{)30}$
8. $6\overline{)42}$
9. $16\overline{)47}$
10. $16\overline{)250}$
11. $34\overline{)119}$
12. $48\overline{)806}$

Solve each problem.

13. 29 students are going on a field trip. 5 students can ride in each car. How many cars are needed for the trip?

_____

14. There are 25 tennis balls in a bucket. 3 balls will fit in each can. If the tennis balls are placed in cans, how many cans will be filled?

_____

Name_____ Multiplication: [redacted]

[redacted]

A.

2 2	2		
889	890	833	884
x 3	x 3	x 12	x 46
2667	2670		

B.

49	166	937
x 55	x 46	x 31

C.

831	396	329
x 17	x 32	x 38

D.

44	83	194
x 39	x 29	x 14

E.

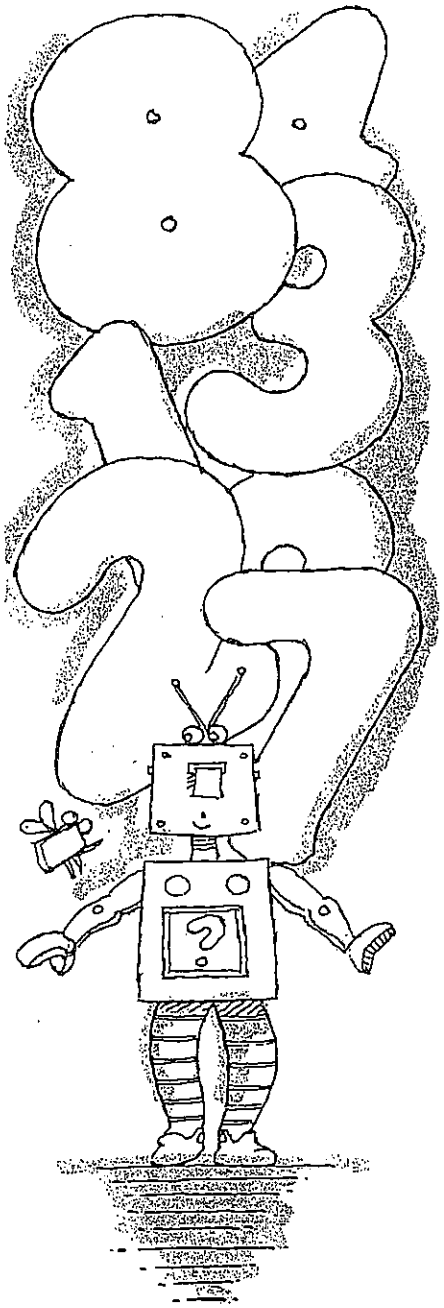
815	392	438
x 32	x 92	x 21

849	933	359
x 28	x 15	x 20

NAME _____

Mystery Answer

LESSON 21



Write the mixed number or whole number for each fraction.
Cross off the number on the chart.
The number that is left is the answer to the question.

$2\frac{1}{3}$	$1\frac{2}{5}$	2	$1\frac{3}{10}$
3	$5\frac{1}{3}$	$2\frac{3}{4}$	$1\frac{1}{8}$
$2\frac{1}{6}$	$1\frac{5}{8}$	4	5
6	$2\frac{1}{2}$	$1\frac{1}{10}$	$2\frac{5}{6}$

HOW MANY PIPES ARE ON A BAGPIPE?

1. $\frac{5}{2} =$ **2.** $\frac{7}{3} =$ **3.** $\frac{11}{4} =$ **4.** $\frac{13}{10} =$

5. $\frac{8}{4} =$ **6.** $\frac{13}{6} =$ **7.** $\frac{7}{5} =$ **8.** $\frac{16}{3} =$

9. $\frac{24}{4} =$ **10.** $\frac{8}{2} =$ **11.** $\frac{15}{5} =$ **12.** $\frac{9}{8} =$

13. $\frac{11}{10} =$ **14.** $\frac{17}{6} =$ **15.** $\frac{13}{8} =$

THERE ARE _____ PIPES ON A BAGPIPE.

Fraction Features

Find a common denominator for each pair of fractions below then complete the problem.

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

2. $\frac{2}{3} =$
   $+ \frac{1}{8} =$
   _____

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

4. $\frac{3}{8} =$
   $+ \frac{5}{12} =$
   _____

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

6. $\frac{3}{4} =$
   $- \frac{1}{7} =$
   _____

7. $\frac{1}{2} =$
   $- \frac{1}{14} =$
   _____

8. $\frac{7}{12} =$
   $+ \frac{1}{3} =$
   _____

9. $\frac{7}{8} =$
   $- \frac{5}{12} =$
   _____

10. $\frac{1}{4} =$
    $+ \frac{2}{9} =$
    _____

11. $\frac{3}{7} =$
    $- \frac{1}{3} =$
    _____

12. $\frac{3}{10} =$
    $+ \frac{1}{5} =$
    _____

13. $\frac{5}{11} =$
    $+ \frac{1}{2} =$
    _____

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

15. $\frac{5}{8} =$
    $- \frac{2}{4} =$
    _____

Mixed Numbers; Fractions Equal To or Greater Than One*

Name _____

Date _____

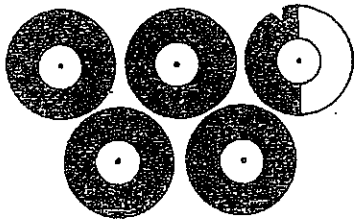
Fraction	Whole Number	Mixed Number
$\frac{1}{4}$	2	$2\frac{1}{4}$

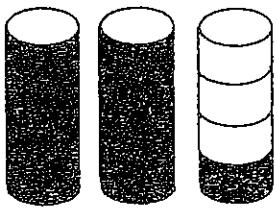
Write whether each is a fraction (F), a whole number (W), or a mixed number (M).

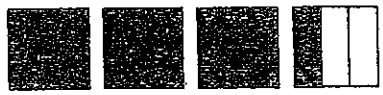
1. $5\frac{2}{5}$ ____ 2. $8\frac{7}{10}$ ____ 3. 7 ____ 4. $\frac{1}{3}$ ____ 5. $\frac{6}{8}$ ____

6. $\frac{5}{7}$ ____ 7. $4\frac{4}{5}$ ____ 8. 3 ____ 9. 5 ____ 10. $6\frac{2}{3}$ ____

Write a mixed number for each.

11. 

12. 

13. 

Add. Write the sum as a whole number or a mixed number in lowest terms.

14. $\frac{2}{5} + \frac{2}{5}$ 15. $\frac{3}{4} + \frac{3}{4}$ 16. $\frac{4}{6} + \frac{5}{6}$ 17. $\frac{4}{5} + \frac{1}{5}$ 18. $\frac{5}{7} + \frac{4}{7}$

19. $\frac{8}{9} + \frac{8}{9}$ 20. $\frac{6}{8} + \frac{4}{8}$ 21. $\frac{10}{4} + \frac{4}{4}$ 22. $\frac{5}{3} + \frac{4}{3}$ 23. $\frac{4}{6} + \frac{3}{6}$

24. $\frac{14}{8} + \frac{10}{8}$ 25. $\frac{4}{7} + \frac{3}{7}$ 26. $\frac{8}{2} + \frac{3}{2}$ 27. $\frac{5}{9} + \frac{3}{9}$ 28. $\frac{13}{5} + \frac{4}{5}$

*Use with Lessons 9-9 and 9-10, text pages 248-249.