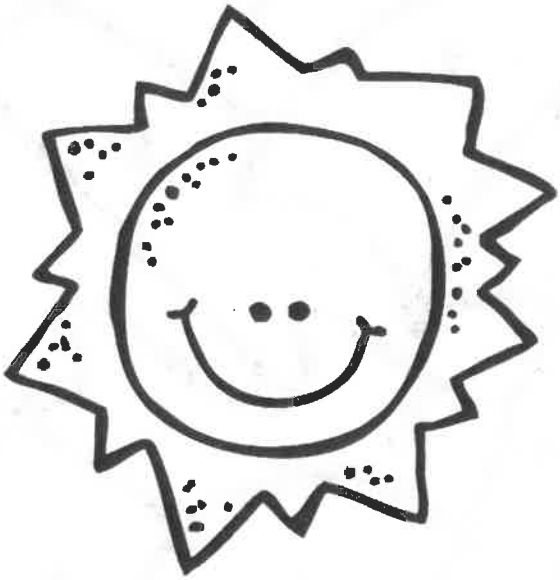
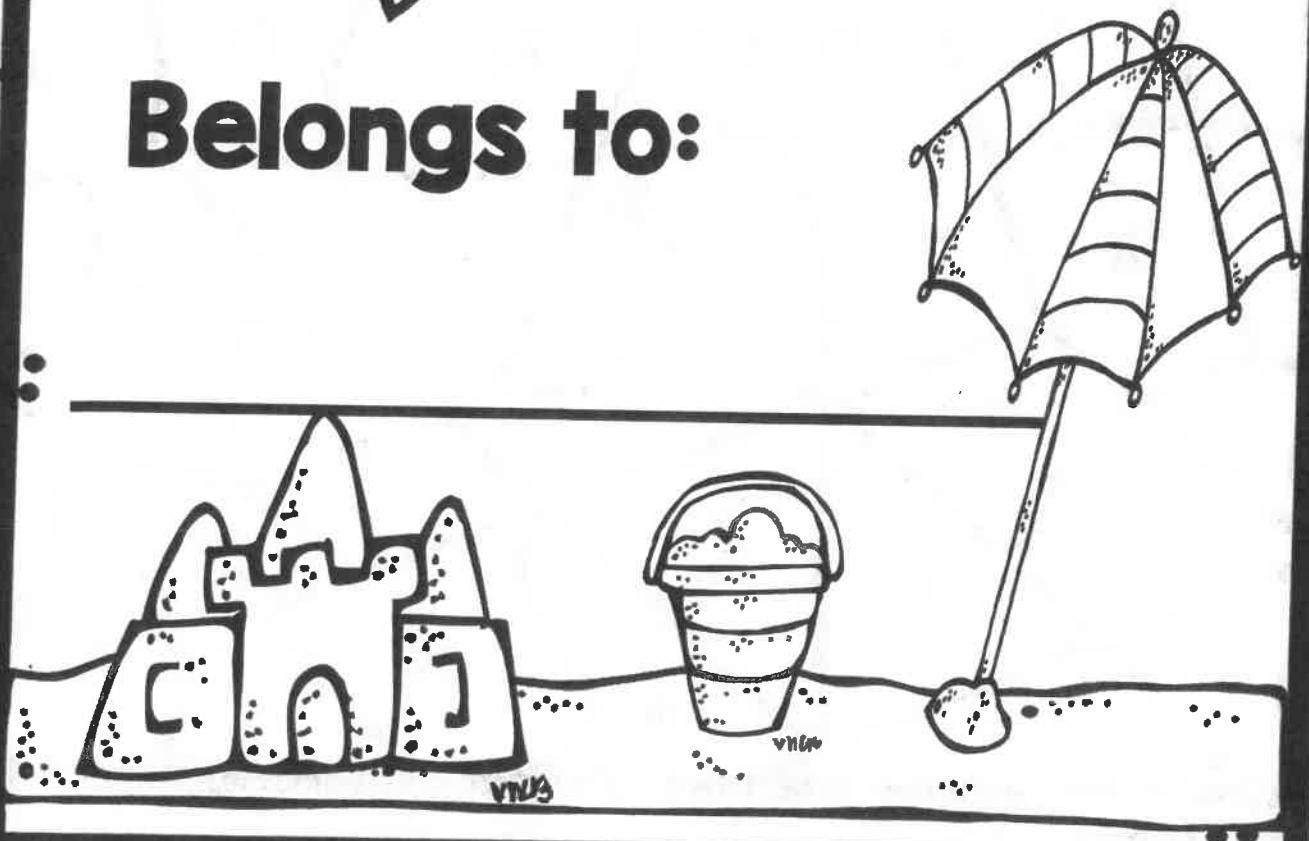
Summer Math Packet

6th grade

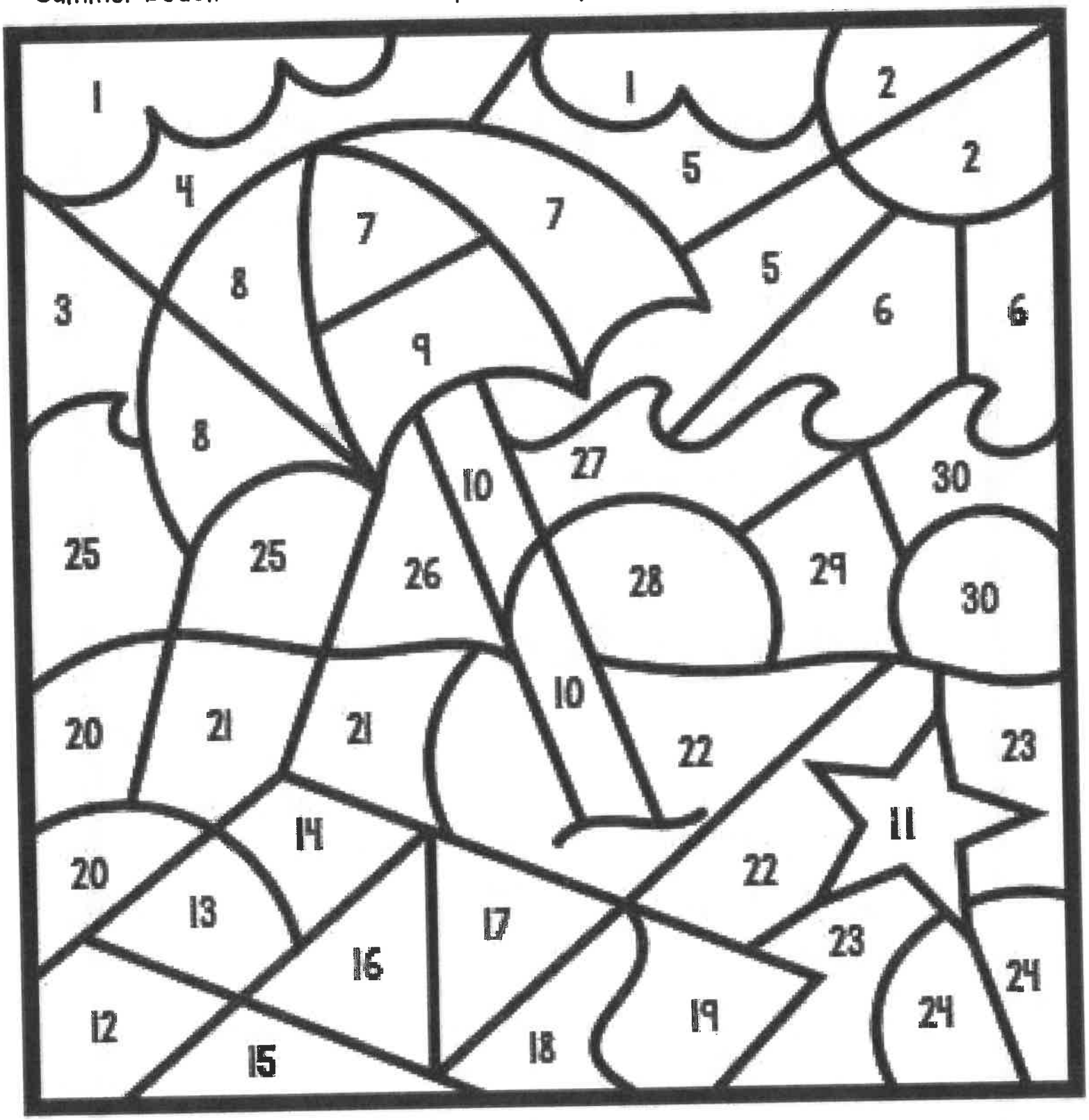


Belongs to:



MARKING YOUR PROGRESS

Directions: After completing a page in this packet, color the day in to reveal a Summer Beach Picture at the completion of your summer math packet.



COLOR CODE:

1-GRAY, 2-YELLOW, 3-6-LIGHT BLUE, 7-9-RED, 10-BROWN, 11-ORANGE, 12-19-PURPLE, 20-24-LIGHT BROWN, 25-30- DARK BLUE

#1 Addition Squares

Directions: Add up each row, column and diagonal in the grids and place the sums in the boxes on the sides and bottoms.

9	2	4
3	7	8
6	1	5

2	3	8
6	9	4
5	7	1

5	6	7
3	9	4
1	8	2

1	5	6
7	8	9
3	2	4

8	1	6
7	2	4
5	9	3

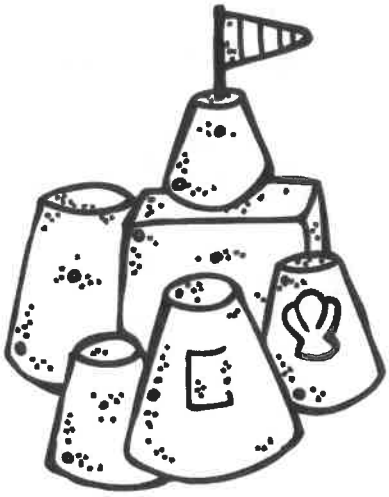
#2

Addition Squares

Directions: Each row, column and diagonal add up to the values shown. Fill in the rest of the grid of numbers.

6			17
			15
	7	2	13
11	24	10	17

4			21
			10
2	7		14
9	17	19	10



7			12
			17
6		2	16
18	18	9	18

7			18
	4		12
	1		15
18	7	20	19

3			12
5			17
	9		16
14	24	7	12

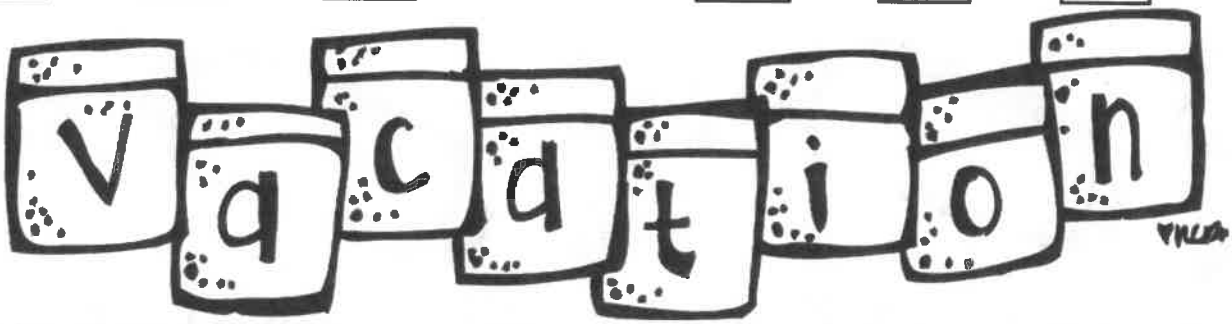
#3

Equation Squares

Directions: Each row, column and diagonal add up to the values shown. Fill in the rest of the grid of numbers.

4	+	8	-	6	=	
-		÷		+		
3	x	2	-	5	=	
x		-		-		
9	+	1	x	7	=	
=		=		=		

8	÷	1	+	7	=	
÷		+		x		
4	-	3	+	2	=	
+		x		-		
9	+	5	-	6	=	
=		=		=		



4	+	7	÷	1	=	
÷		+		x		
2	x	8	-	3	=	
x		-		+		
9	-	6	x	5	=	
=		=		=		

5	x	6	+	8	=	
x		÷		÷		
7	x	3	+	4	=	
x		-		+		
2	x	1	+	9	=	
=		=		=		

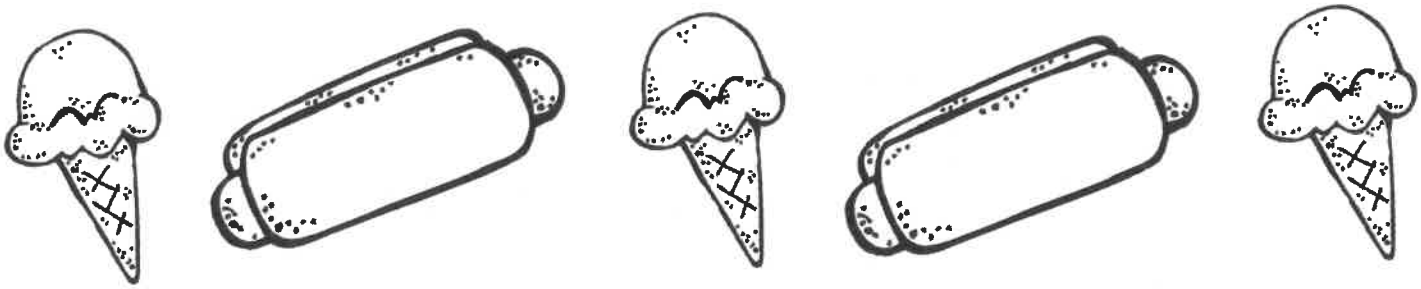
#4

Equation Squares

Directions: Each row, column and diagonal add up to the values shown. Fill in the rest of the grid of numbers.

9		8		7	=	10
	■		■		■	
2		5		6	=	60
	■		■		■	
1		4		3	=	0
=	■	=	■	=	■	
7		7		14		

4		1		3	=	7
	■		■		■	
5		2		7	=	17
	■		■		■	
8		9		6	=	62
=	■	=	■	=	■	
28		11		2		



6		4		8	=	38
	■		■		■	
5		2		9	=	90
	■		■		■	
1		3		7	=	11
=	■	=	■	=	■	
30		6		24		

8		4		2	=	4
	■		■		■	
7		1		3	=	4
	■		■		■	
5		6		9	=	8
=	■	=	■	=	■	
61		10		8		

#5

Decimal BINGO!

Directions: To play Decimal Bingo, solve the problems & mark off the answers in the grid. When you get five in a row, you win!

0.18	2.54	9.12	16.27	22.3
0.5	4.75	9.9	18.00	23.23
0.66	5.79	FREE SPACE	19.12	24.63
1.54	8.11	14.14	20.63	25.27
1.99	9.02	15.76	21.9	29.11

1. 1.23 + 4.56 = _____

2. 7.89 + 1.23 = _____

3. 0.22 + 0.44 = _____

4. 11.2 + 4.56 = _____

5. 20.03 + 4.6 = _____

6. 0.03 + 0.15 = _____

7. 9.09 + 5.05 = _____

8. 0.88 + 0.66 = _____

9. 22.2 + 3.07 = _____

10. 8.34 + 1.56 = _____

#6

Decimal BINGO!

Directions: To play Decimal Bingo, solve the problems & mark off the answers in the grid. When you get five in a row, you win!

0.15	2.54	9.12	16.27	22.29
0.5	3.1	11.11	17.84	23.23
0.66	5.79	FREE SPACE	19.12	24.11
1.81	8.91	14.14	20.63	25.27
1.99	9.02	15.76	22.59	29.11

1. $2.77 + 0.33 =$ _____

2. $0.11 + 8.8 =$ _____

3. $0.33 + 1.66 =$ _____

4. $0.3 + 0.2 =$ _____

5. $7.07 + 4.04 =$ _____

6. $0.3 - 0.15 =$ _____

7. $29.09 - 6.5 =$ _____

8. $30.88 - 6.77 =$ _____

9. $24.2 - 6.36 =$ _____

10. $23.45 - 1.16 =$ _____

#7 Decimal Magic Squares

Directions: A magic square is a grid of numbers where the values in each of the rows, columns, and diagonals adds up to the same sum, known as the "magic number". Use your math skills to fill in each of these magic squares.

The magic number is 10.2

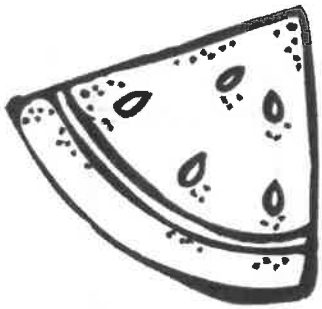
		0.6	
1.5			
	1.8	2.1	3.6
1.2	4.5		0.3

The magic number is 6.8

	1.8	1.0	
3.0	1.2		0.6
2.8			
0.2		1.6	

The magic number is 20.4

7.8		7.2	0.6
1.2	6.6		
9.6	3.0	5.4	

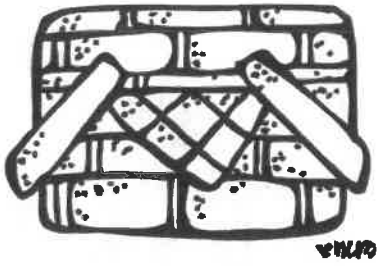


The magic number is 3.4

			1.6
1.5	0.6		
1.4	0.7		
0.1	1.2		1.3

The magic number is 13.6

5.2		4.8	
0.8	4.4		5.6
	4.0		
	2.0	3.6	



The magic number is 13.6

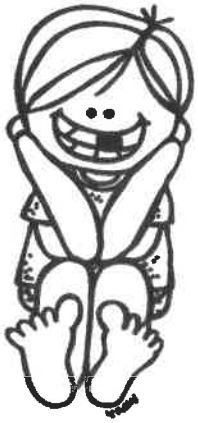
	1.2	0.8	5.2
			3.2
		2.8	4.8
1.6	6.0		

#8 Decimal Magic Squares

Directions: A magic square is a grid of numbers where the values in each of the rows, columns, and diagonals adds up to the same sum, known as the "magic number". Use your math skills to fill in each of these magic squares.

The magic number is 6.5

		0.4	2.3	1.7
	1.2	0.6	0.5	
2.5		1.3		
0.2		2.0		0.8
0.9	0.3			1.5

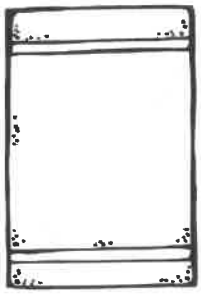


The magic number is 39.0

	14.4	0.6	4.8	9.0
	3.0	4.2	8.4	9.6
	3.6	7.8	12.0	
6.0	7.2			
				5.4

The magic number is 19.5

2.7		7.5	5.4	
0.9	6.3			3.0
				1.2
	4.2		1.5	6.9
4.5	2.4		7.2	5.1



The magic number is 6.5

1.7		0.1	0.8	1.5
		1.3	2.0	2.2
1.0		1.9	2.1	0.3
1.1		2.5		0.9

The magic number is 26.0

6.0		8.8		
3.2		8.0	8.4	
0.4		5.2	7.6	
9.6		2.4	4.8	7.2
	9.2			4.4

The magic number is 13.0

2.2				
		1.2		4.8
5.0	3.8	2.6		0.2
0.4	4.2			1.6
1.8		4.4	3.2	3.0

#9

Fractions Maze

Directions: Find your way from the top to the inner tube (bottom) by following the path of correct answers. You can only exit a cell if the number matches the answer to the problem.

$\frac{5}{13} > \frac{8}{13}$	$\frac{8}{10} < \frac{7}{10}$	$\frac{1}{7} > \frac{1}{3}$	$\frac{3}{12} > \frac{5}{12}$	$\frac{9}{14} < \frac{9}{18}$	$\frac{2}{7} > \frac{2}{11}$	$\frac{2}{12} > \frac{2}{6}$	$\frac{5}{18} > \frac{5}{16}$	$\frac{10}{18} > \frac{13}{18}$
$\frac{11}{19} < \frac{10}{19}$	$\frac{5}{8} < \frac{5}{13}$	$\frac{2}{16} > \frac{2}{14}$	$\frac{5}{9} > \frac{7}{9}$	$\frac{2}{12} > \frac{2}{4}$	$\frac{1}{12} < \frac{8}{12}$	$\frac{15}{17} < \frac{4}{17}$	$\frac{8}{11} < \frac{8}{12}$	$\frac{4}{16} > \frac{4}{15}$
$\frac{5}{13} > \frac{12}{13}$	$\frac{7}{12} < \frac{3}{12}$	$\frac{4}{8} < \frac{4}{14}$	$\frac{1}{4} < \frac{1}{9}$	$\frac{4}{19} > \frac{4}{10}$	$\frac{1}{8} < \frac{1}{5}$	$\frac{4}{5} < \frac{4}{17}$	$\frac{1}{3} < \frac{1}{16}$	$\frac{4}{8} > \frac{5}{8}$
$\frac{7}{19} < \frac{2}{19}$	$\frac{5}{20} > \frac{5}{11}$	$\frac{1}{4} < \frac{1}{6}$	$\frac{2}{13} < \frac{2}{16}$	$\frac{1}{4} > \frac{1}{3}$	$\frac{3}{11} < \frac{5}{11}$	$\frac{5}{10} < \frac{9}{10}$	$\frac{7}{13} > \frac{4}{13}$	$\frac{3}{7} > \frac{6}{7}$
$\frac{1}{5} > \frac{3}{5}$	$\frac{1}{15} > \frac{1}{6}$	$\frac{9}{14} < \frac{6}{14}$	$\frac{3}{19} > \frac{3}{11}$	$\frac{6}{13} < \frac{6}{18}$	$\frac{5}{13} > \frac{5}{10}$	$\frac{4}{5} < \frac{4}{9}$	$\frac{8}{12} > \frac{5}{12}$	$\frac{1}{11} > \frac{1}{8}$
$\frac{12}{16} < \frac{11}{16}$	$\frac{12}{16} > \frac{12}{13}$	$\frac{7}{19} < \frac{4}{19}$	$\frac{3}{15} > \frac{3}{12}$	$\frac{1}{4} < \frac{1}{10}$	$\frac{2}{14} > \frac{2}{3}$	$\frac{1}{4} < \frac{2}{4}$	$\frac{5}{9} < \frac{5}{6}$	$\frac{7}{20} > \frac{19}{20}$
$\frac{6}{9} > \frac{3}{9}$	$\frac{5}{12} < \frac{7}{12}$	$\frac{8}{18} < \frac{8}{14}$	$\frac{4}{7} > \frac{4}{11}$	$\frac{3}{4} < \frac{1}{4}$	$\frac{3}{9} > \frac{3}{5}$	$\frac{7}{12} > \frac{7}{15}$	$\frac{6}{19} > \frac{17}{19}$	$\frac{3}{13} > \frac{3}{7}$
$\frac{7}{17} < \frac{11}{17}$	$\frac{1}{14} > \frac{4}{14}$	$\frac{13}{17} < \frac{7}{17}$	$\frac{1}{16} < \frac{11}{16}$	$\frac{4}{11} < \frac{4}{19}$	$\frac{2}{3} < \frac{2}{13}$	$\frac{7}{11} > \frac{7}{14}$	$\frac{4}{10} < \frac{7}{10}$	$\frac{1}{4} < \frac{1}{7}$
$\frac{5}{8} < \frac{5}{6}$	$\frac{1}{14} > \frac{1}{4}$	$\frac{2}{14} < \frac{2}{17}$	$\frac{1}{5} > \frac{1}{11}$	$\frac{5}{11} > \frac{8}{11}$	$\frac{4}{17} > \frac{13}{17}$	$\frac{11}{18} < \frac{11}{20}$	$\frac{2}{5} < \frac{4}{5}$	$\frac{13}{14} < \frac{2}{14}$
$\frac{1}{10} < \frac{7}{10}$	$\frac{6}{13} > \frac{6}{14}$	$\frac{3}{18} > \frac{3}{5}$	$\frac{15}{18} > \frac{2}{18}$	$\frac{2}{17} < \frac{2}{6}$	$\frac{3}{13} < \frac{3}{4}$	$\frac{6}{9} > \frac{6}{19}$	$\frac{14}{15} > \frac{1}{15}$	$\frac{2}{15} > \frac{2}{8}$
$\frac{10}{20} < \frac{2}{20}$	$\frac{2}{15} < \frac{2}{8}$	$\frac{11}{14} < \frac{1}{14}$	$\frac{2}{18} > \frac{4}{18}$	$\frac{2}{13} < \frac{2}{16}$	$\frac{8}{10} < \frac{7}{10}$	$\frac{16}{17} < \frac{5}{17}$	$\frac{8}{9} < \frac{7}{9}$	$\frac{1}{7} > \frac{5}{7}$
$\frac{2}{4} < \frac{2}{7}$	$\frac{5}{19} < \frac{5}{14}$	$\frac{12}{17} > \frac{12}{18}$	$\frac{6}{7} > \frac{1}{7}$	$\frac{5}{9} > \frac{5}{10}$	$\frac{3}{6} < \frac{3}{9}$	$\frac{6}{14} > \frac{6}{8}$	$\frac{5}{18} > \frac{5}{9}$	$\frac{1}{3} < \frac{1}{20}$
$\frac{6}{17} > \frac{6}{13}$	$\frac{5}{12} < \frac{5}{13}$	$\frac{9}{10} < \frac{6}{10}$	$\frac{3}{17} > \frac{3}{4}$	$\frac{4}{5} > \frac{4}{13}$	$\frac{1}{5} < \frac{1}{10}$	$\frac{2}{4} > \frac{3}{4}$	$\frac{6}{15} > \frac{9}{15}$	$\frac{9}{17} > \frac{15}{17}$
$\frac{10}{18} > \frac{10}{14}$	$\frac{1}{3} < \frac{1}{9}$	$\frac{1}{10} < \frac{1}{15}$	$\frac{8}{12} > \frac{6}{12}$	$\frac{6}{19} < \frac{6}{7}$	$\frac{1}{6} < \frac{1}{10}$	$\frac{1}{3} > \frac{2}{3}$	$\frac{4}{16} < \frac{4}{20}$	$\frac{6}{14} > \frac{11}{14}$
$\frac{1}{13} > \frac{3}{13}$	$\frac{4}{7} < \frac{2}{7}$	$\frac{10}{17} > \frac{13}{17}$	$\frac{6}{7} > \frac{6}{16}$	$\frac{3}{13} > \frac{11}{13}$	$\frac{2}{3} < \frac{2}{13}$	$\frac{3}{5} < \frac{2}{5}$	$\frac{10}{12} < \frac{8}{12}$	$\frac{6}{13} > \frac{6}{7}$

#10 Fractions Maze

Directions: Find your way from the top to the inner tube (bottom) by following the path of correct answers. You can only exit a cell if the number matches the answer to the problem.

$\frac{13}{20} < \frac{1}{2}$	$\frac{7}{18} > \frac{7}{12}$	$\frac{17}{24} < \frac{1}{2}$	$\frac{8}{13} > \frac{29}{45}$	$\frac{3}{41} > \frac{2}{7}$	$\frac{16}{17} > \frac{20}{49}$	$\frac{41}{46} < \frac{3}{4}$	$\frac{25}{46} < \frac{11}{43}$	$\frac{1}{2} < \frac{2}{13}$
$\frac{31}{40} > \frac{7}{13}$	$\frac{2}{3} > \frac{1}{5}$	$\frac{1}{3} < \frac{7}{11}$	$\frac{5}{14} < \frac{2}{7}$	$\frac{4}{9} < \frac{11}{34}$	$\frac{33}{37} > \frac{15}{23}$	$\frac{1}{2} > \frac{5}{12}$	$\frac{43}{45} < \frac{20}{33}$	$\frac{1}{2} > \frac{2}{3}$
$\frac{13}{32} > \frac{6}{23}$	$\frac{9}{43} > \frac{11}{49}$	$\frac{5}{6} > \frac{7}{19}$	$\frac{2}{3} > \frac{2}{9}$	$\frac{3}{44} > \frac{1}{3}$	$\frac{10}{23} > \frac{3}{5}$	$\frac{7}{9} > \frac{1}{2}$	$\frac{28}{43} > \frac{7}{12}$	$\frac{3}{11} > \frac{21}{41}$
$\frac{7}{12} > \frac{12}{35}$	$\frac{1}{2} < \frac{1}{3}$	$\frac{1}{7} > \frac{2}{3}$	$\frac{1}{7} < \frac{38}{41}$	$\frac{1}{3} > \frac{10}{31}$	$\frac{7}{8} < \frac{10}{17}$	$\frac{1}{2} < \frac{5}{14}$	$\frac{31}{37} > \frac{7}{10}$	$\frac{34}{39} < \frac{1}{7}$
$\frac{10}{27} < \frac{5}{13}$	$\frac{4}{11} > \frac{1}{7}$	$\frac{3}{4} < \frac{2}{11}$	$\frac{9}{22} < \frac{11}{27}$	$\frac{19}{21} > \frac{3}{38}$	$\frac{25}{37} > \frac{5}{17}$	$\frac{9}{10} > \frac{5}{9}$	$\frac{25}{38} < \frac{36}{47}$	$\frac{5}{14} > \frac{6}{7}$
$\frac{23}{45} > \frac{36}{47}$	$\frac{28}{29} > \frac{29}{41}$	$\frac{1}{21} < \frac{20}{49}$	$\frac{13}{14} < \frac{14}{23}$	$\frac{1}{10} > \frac{33}{49}$	$\frac{13}{14} < \frac{3}{4}$	$\frac{6}{7} > \frac{8}{9}$	$\frac{1}{2} < \frac{19}{44}$	$\frac{5}{14} < \frac{1}{5}$
$\frac{5}{18} > \frac{1}{2}$	$\frac{17}{27} < \frac{20}{33}$	$\frac{13}{27} < \frac{31}{35}$	$\frac{34}{47} < \frac{11}{14}$	$\frac{17}{18} < \frac{28}{41}$	$\frac{1}{4} < \frac{11}{29}$	$\frac{1}{2} > \frac{2}{15}$	$\frac{8}{17} > \frac{6}{13}$	$\frac{19}{28} > \frac{3}{23}$
$\frac{1}{5} > \frac{18}{47}$	$\frac{1}{19} > \frac{22}{25}$	$\frac{13}{17} < \frac{31}{43}$	$\frac{16}{25} > \frac{1}{5}$	$\frac{10}{13} > \frac{8}{31}$	$\frac{3}{5} > \frac{6}{17}$	$\frac{3}{13} > \frac{30}{41}$	$\frac{5}{8} > \frac{5}{6}$	$\frac{1}{3} > \frac{3}{34}$
$\frac{31}{48} < \frac{3}{5}$	$\frac{9}{10} < \frac{11}{17}$	$\frac{34}{47} < \frac{5}{8}$	$\frac{1}{2} < \frac{3}{10}$	$\frac{16}{45} < \frac{3}{13}$	$\frac{5}{6} > \frac{31}{33}$	$\frac{26}{45} < \frac{6}{11}$	$\frac{3}{5} > \frac{41}{48}$	$\frac{2}{3} > \frac{7}{27}$
$\frac{2}{13} > \frac{13}{25}$	$\frac{1}{3} > \frac{11}{19}$	$\frac{10}{17} < \frac{1}{2}$	$\frac{1}{2} < \frac{5}{36}$	$\frac{6}{7} < \frac{2}{7}$	$\frac{19}{25} < \frac{2}{3}$	$\frac{4}{7} > \frac{5}{6}$	$\frac{10}{23} < \frac{8}{19}$	$\frac{7}{11} > \frac{2}{17}$
$\frac{25}{44} > \frac{2}{3}$	$\frac{13}{17} > \frac{19}{21}$	$\frac{7}{15} > \frac{1}{2}$	$\frac{1}{4} > \frac{6}{13}$	$\frac{1}{2} > \frac{32}{47}$	$\frac{5}{9} > \frac{25}{44}$	$\frac{4}{21} < \frac{11}{34}$	$\frac{11}{49} > \frac{1}{11}$	$\frac{9}{20} > \frac{3}{23}$
$\frac{4}{5} < \frac{4}{19}$	$\frac{31}{35} < \frac{7}{17}$	$\frac{6}{17} < \frac{10}{41}$	$\frac{1}{2} > \frac{40}{41}$	$\frac{7}{31} > \frac{1}{3}$	$\frac{1}{8} > \frac{9}{10}$	$\frac{1}{32} < \frac{17}{23}$	$\frac{15}{44} < \frac{1}{3}$	$\frac{12}{49} < \frac{7}{29}$
$\frac{4}{5} < \frac{6}{17}$	$\frac{1}{5} > \frac{3}{4}$	$\frac{9}{22} > \frac{2}{7}$	$\frac{11}{26} < \frac{37}{48}$	$\frac{22}{23} > \frac{4}{21}$	$\frac{1}{2} > \frac{7}{39}$	$\frac{7}{12} > \frac{1}{7}$	$\frac{1}{2} > \frac{5}{7}$	$\frac{1}{2} > \frac{23}{26}$
$\frac{17}{31} > \frac{26}{35}$	$\frac{1}{2} > \frac{31}{34}$	$\frac{2}{7} < \frac{1}{2}$	$\frac{23}{35} > \frac{19}{20}$	$\frac{3}{5} < \frac{1}{2}$	$\frac{18}{29} > \frac{13}{17}$	$\frac{6}{13} > \frac{11}{14}$	$\frac{11}{14} < \frac{17}{35}$	$\frac{6}{7} < \frac{13}{22}$
$\frac{3}{4} > \frac{24}{29}$	$\frac{4}{13} < \frac{1}{4}$	$\frac{1}{3} = \frac{1}{3}$	$\frac{22}{29} < \frac{2}{9}$	$\frac{29}{46} > \frac{8}{11}$	$\frac{13}{20} < \frac{1}{5}$	$\frac{1}{3} > \frac{17}{48}$	$\frac{23}{35} > \frac{4}{5}$	$\frac{16}{17} < \frac{9}{16}$

#11 Fraction BINGO!

Directions: To play Fraction Bingo, solve the problems & mark off the answers in the grid. When you get five in a row, you win!

1/10	2/10	4/12	6/27	21/23
1/9	2/9	4/19	8/11	22/23
1/8	2/5	FREE SPACE	9/12	8/9
1/7	3/8	4/25	10/63	14/15
1/6	3/5	5/6	11/19	1

1. 2/10 + 1/5 = _____

2. 7/9 + 1/9 = _____

3. 0/2 + 2/2 = _____

4. 1/12 + 4/6 = _____

5. 2/3 + 1/6 = _____

6. 3/19 + 1/19 = _____

7. 9/23 + 12/23 = _____

8. 2/12 + 4/24 = _____

9. 1/20 + 1/20 = _____

10. 1/16 + 1/16 = _____

#12 Fraction BINGO!

Directions: To play Fraction Bingo, solve the problems & mark off the answers in the grid. When you get five in a row, you win!

0	3/9	5/9	5/25	11/15
2/9	4/7	5/18	5/11	14/15
2/6	4/8	FREE SPACE	5/30	1
2/12	4/14	5/10	5/21	7/5
2/3	4/16	5/15	5/6	9/8

1. $1/7 + 3/7 =$ _____

2. $3/11 + 8/11 =$ _____

3. $3/6 + 1/6 =$ _____

4. $4/6 + 2/12 =$ _____

5. $7/15 + 4/15 =$ _____

6. $13/14 - 9/14 =$ _____

7. $20/9 - 18/9 =$ _____

8. $11/18 - 1/3 =$ _____

9. $2/24 - 1/12 =$ _____

10. $23/11 - 18/11 =$ _____

#13

Fraction BINGO!

Directions: To play Fraction Bingo, solve the problems & mark off the answers in the grid. When you get five in a row, you win!

0	3/5	4/7	6/7	8/21
1/3	3/10	5/7	6/13	2/23
1/4	1/20	FREE SPACE	12/13	5/6
2/5	1/2	5/11	2/3	7/5
2/7	1/5	6/11	3/4	11/12

1. $3/7 - 1/7 =$ _____

2. $8/11 - 3/11 =$ _____

3. $3/6 - 1/6 =$ _____

4. $2/5 - 4/10 =$ _____

5. $9/10 - 3/5 =$ _____

6. $12/12 - 2/12 =$ _____

7. $7/4 - 4/4 =$ _____

8. $27/3 - 25/3 =$ _____

9. $20/2 - 19/2 =$ _____

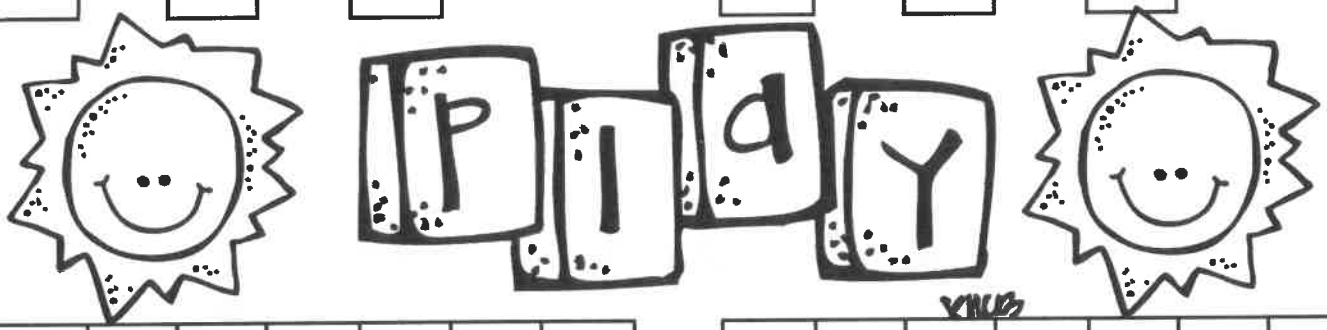
10. $13/12 - 1/6 =$ _____

#14 Fraction Squares

Directions: Each row, column and diagonal multiply or divide up to the values shown. Fill in the rest of the grid of numbers.

2/3	x	2/3	x	2/3	=	
÷		÷		÷		
1/3	x	1	x	1/3	=	
÷		÷		÷		
1	x	1/3	x	1	=	
=		=		=		

1/4	x	1/4	x	1/4	=	
÷		÷		÷		
2/4	x	1	x	2/4	=	
÷		÷		÷		
1	x	2/4	x	1	=	
=		=		=		



2/5	x	3/5	x	1/2	=	
÷		÷		÷		
1/5	x	1	x	1/5	=	
÷		÷		÷		
1	x	1/2	x	1	=	
=		=		=		

1/6	x	3/6	x	2/3	=	
÷		÷		÷		
2/6	x	1	x	2/3	=	
÷		÷		÷		
1	x	2/6	x	1	=	
=		=		=		

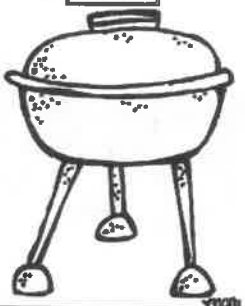
#15

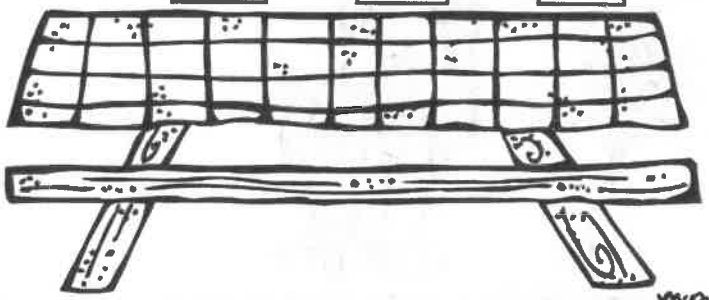
Fraction Squares

Directions: Each row, column and diagonal multiply or divide up to the values shown. Fill in the rest of the grid of numbers

2/3	x	2/4	x	2/5	=	
÷		÷		÷		
1/4	x	1	x	1/4	=	
÷		÷		÷		
1	x	1/5	x	1	=	
=		=		=		

1/6	x	1/7	x	1/8	=	
÷		÷		÷		
2/7	x	1	x	2/7	=	
÷		÷		÷		
1	x	6/8	x	1	=	
=		=		=		





2/3	x	1/4	x	5/2	=	
÷		÷		÷		
1/4	x	1	x	1/2	=	
÷		÷		÷		
1	x	1/5	x	1	=	
=		=		=		

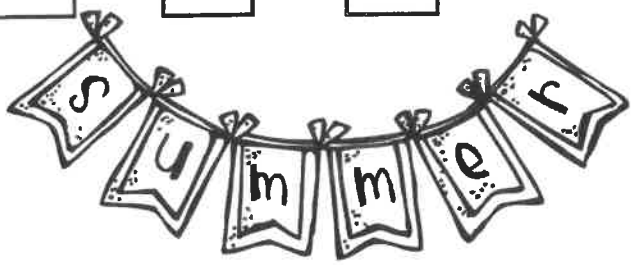
1/8	x	7/6	x	8/1	=	
÷		÷		÷		
2/7	x	1	x	2/6	=	
÷		÷		÷		
1	x	2/8	x	1	=	
=		=		=		

#16 Fraction Squares

Directions: Each row, column and diagonal multiply or divide up to the values shown. Fill in the rest of the grid of numbers

3/4	x	2/5	x	1/6	=	
÷		÷		÷		
1/5	x	1	x	2/3	=	
÷		÷		÷		
1	x	4/6	x	1	=	
=		=		=		

1/8	x	2/4	x	3/6	=	
÷		÷		÷		
2/4	x	1	x	1/8	=	
÷		÷		÷		
1	x	3/6	x	1	=	
=		=		=		



3/3	x	1/3	x	2/3	=	
÷		÷		÷		
1/3	x	1	x	3/3	=	
÷		÷		÷		
1	x	2/3	x	1	=	
=		=		=		

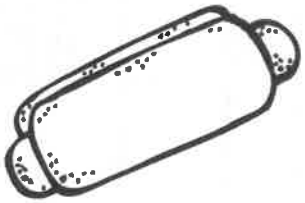
8/2	x	4/3	x	1/6	=	
÷		÷		÷		
1/6	x	1	x	4/3	=	
÷		÷		÷		
1	x	8/2	x	1	=	
=		=		=		

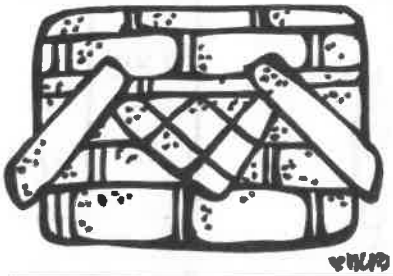
#17 Fraction Squares

Directions: Each row, column and diagonal multiply or divide up to the values shown. Fill in the rest of the grid of numbers

4/3	x	5/2	x	1/3	=	
÷		÷		÷		
5/2	x	1	x	4/3	=	
÷		÷		÷		
1	x	1/3	x	1	=	
=		=		=		

1/8	x	4/2	x	6/1	=	
÷		÷		÷		
4/2	x	1	x	1/8	=	
÷		÷		÷		
1	x	6/1	x	1	=	
=		=		=		





2/3	x	2/3	x	2/3	=	
÷		÷		÷		
1/3	x	1	x	1/3	=	
÷		÷		÷		
1	x	1/3	x	1	=	
=		=		=		

1/4	x	1/4	x	1/4	=	
÷		÷		÷		
2/4	x	1	x	2/4	=	
÷		÷		÷		
1	x	2/4	x	1	=	
=		=		=		

#18 Place Value Addition Squares

Directions: Add up each row, column and diagonal in the grids and place the sums in the boxes on the sides and bottoms.

9/10	2/100	4	4.92
3/100	7	8/10	
6	1/10	5/100	

1/10	2/100	3	
4/100	5	6/10	
7	8/10	9/100	

9/10	7/100	5	
3/100	1	2/10	
4	6/10	8/100	

2/10	4/100	6	
8/100	9	7/10	
5	3/10	1/100	

8/10	9/100	2	
5/100	3	1/10	
7	4/10	6/100	

#19

Place Value Addition Squares

Directions: Add up each row, column and diagonal in the grids and place the sums in the boxes on the sides and bottoms.

7/10	5/100	3	3.75
1/100	2	4/10	
6	8/10	9/100	

6/10	3/100	2	
1/100	7	5/10	
4	9/10	8/100	

5/10	3/100	2	
1/100	7	4/10	
6	8/10	9/100	

4/10	6/100	8	
9/100	7	5/10	
3	2/10	1/100	

3/10	1/100	8	
6/100	4	2/10	
5	7/10	9/100	

#20

Choose Your Measurements

Directions: Circle the units that would work best for measuring each object.

1. A hamburger with everything
   grams OR kilograms

2. A rope to play tug-of-war
   millimeters OR meters

3. The distance to the next town
   meters OR kilometers

4. A notecard
   millimeters OR meters

5. A tall palm tree
   Kilometers OR meters

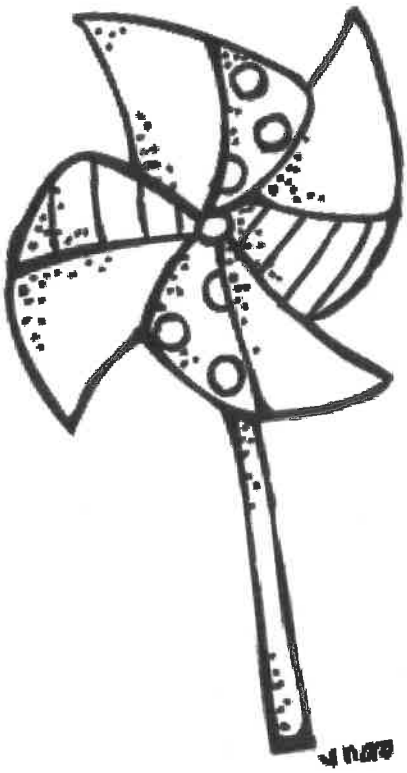
6. A big fish tank
   milliliters OR liters

7. A piece of chalk
   meters OR centimeters

8. The height of the grass outside
   centimeters OR meters

9. How far you can throw a ball
   millimeters OR meters

10. The width of a street
    centimeters OR meters



#21 Choose Your Measurements

Directions: Circle the units that would work best for measuring each object.

11. A loaf of bread
centimeters OR meters

12. The width of your shoe
meters OR centimeters

13. A bar of soap
meters OR millimeters

14. A paperback book
millimeters OR meters

15. A set of encyclopedias
Kilograms OR grams

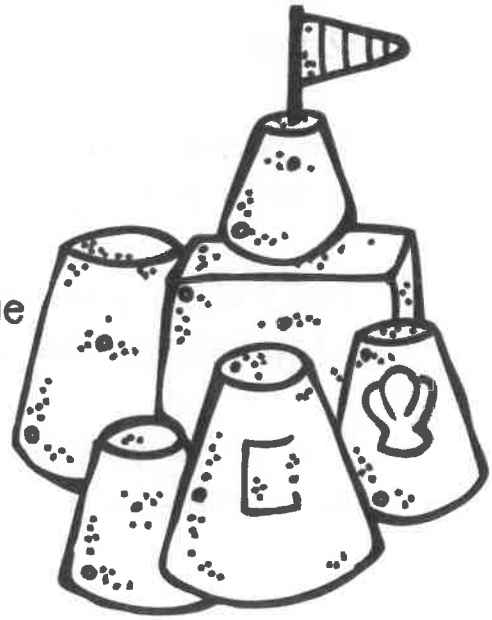
16. The length of your nose
millimeters OR meters

17. The length of your toe
meters OR centimeters

18. The width of a coin
millimeters OR meters

19. The juice squeezed from one orange
milliliters OR liters

20. A butter knife
centimeters OR meters



#22

Choose Your Measurements

Directions: Circle the estimate that would work best for measuring each object.

21. The height of your desk
68 centimeters OR 68 meters

22. The distance to the moon
370,000 m OR 370,000 km

23. The diameter of the Earth
12,766 m OR 12,756 km

24. The length of your nose
4 centimeters OR 4 meters

25. A piece of chalk
4 centimeters OR 4 meters

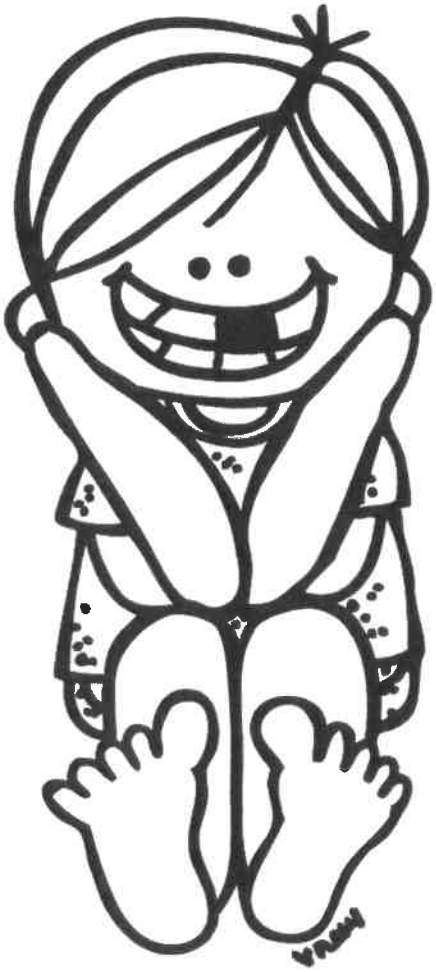
26. A rope to play tug-of-war
10 millimeters OR 10 meters

27. A tall Palm tree
12 meters OR 12 centimeters

28. The water a mouse drinks in one day
19 milliliters OR 19 liters

29. The milk in your breakfast cereal
82 milliliters OR 82 liters

30. The width of a street
10 centimeters OR 10 meters



#23 Interpreting Line Plots

Directions: Write the amount of lemonade(s) the kids drank of the beach.

1. How many kids had one and a half lemonades?

   _____

2. How many kids had one fourth of a lemonade?

   _____

3. How many kids had one and a fourth lemonades?

   _____

4. How many kids had a half of a lemonade?

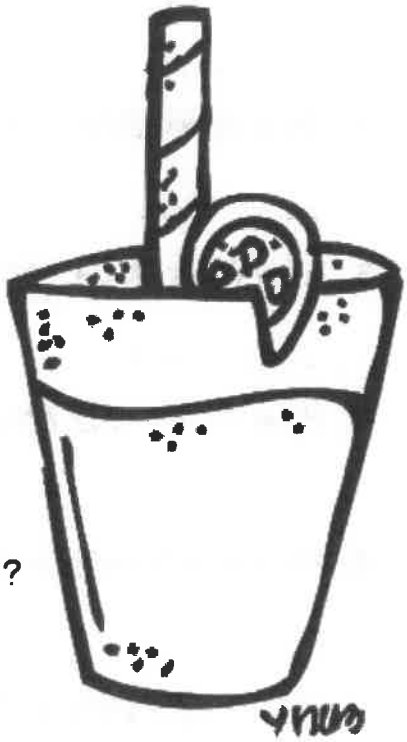
   _____

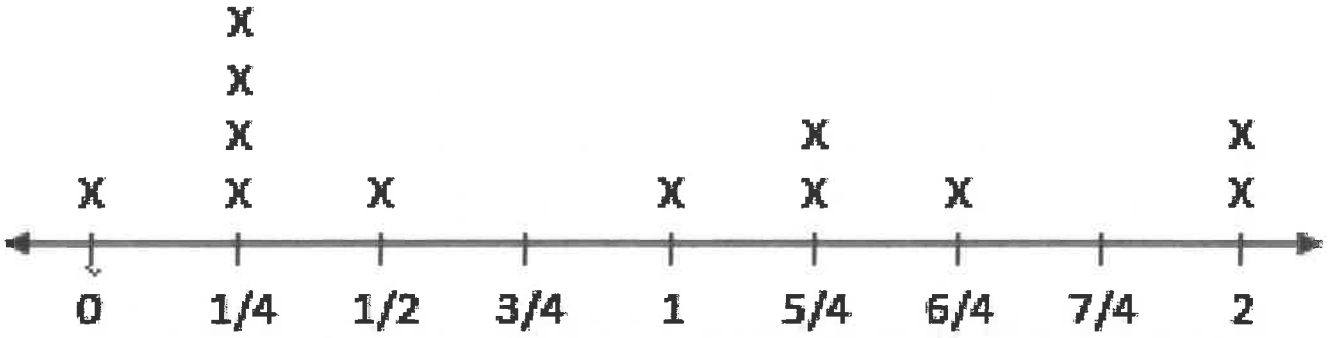
5. How many kids had one and three fourths lemonades?

   _____

6. How many kids had three fourths of a lemonade?

   _____





How much lemonade each kid drank

#24 Interpreting Line Plots

Directions: Write the amount of lemonade(s) the kids drank of the beach.

1. How many kids had one and a half ice creams?

   _____

2. How many kids had one fourth of an ice cream?

   _____

3. How many kids had one and a fourth ice cream?

   _____

4. How many kids had a half of an ice cream?

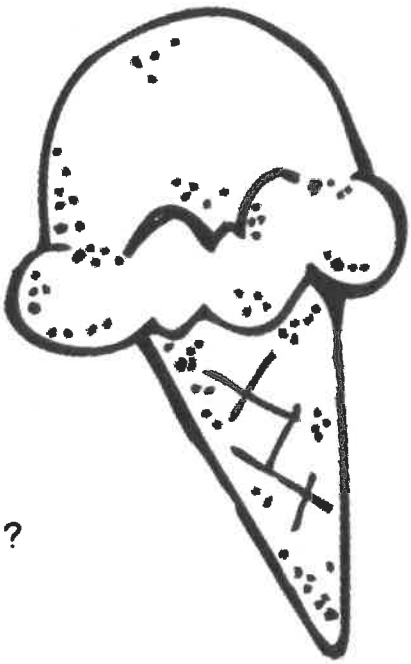
   _____

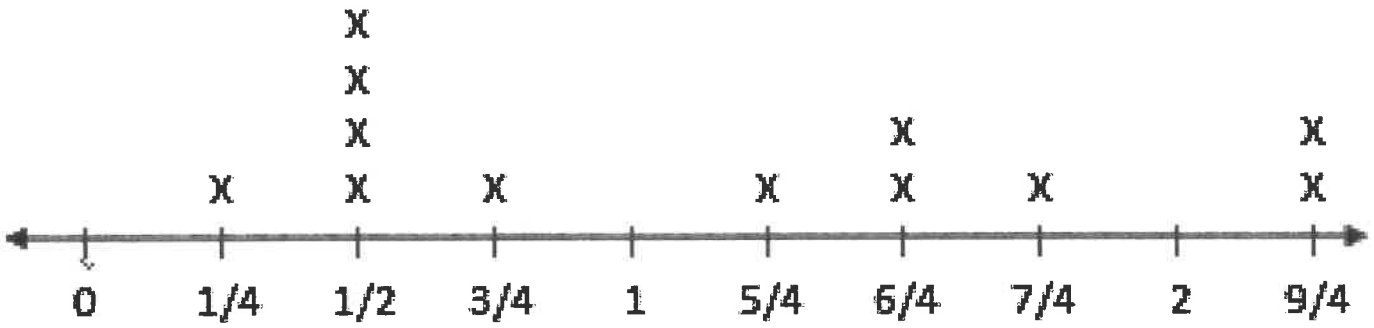
5. How many kids had one and three fourths ice cream?

   _____

6. How many kids had three fourths of an ice cream?

   _____



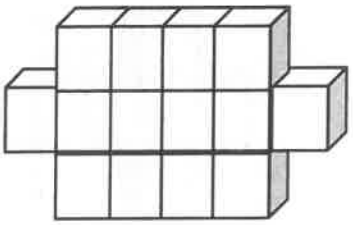


How many ice cream cones each kid ate

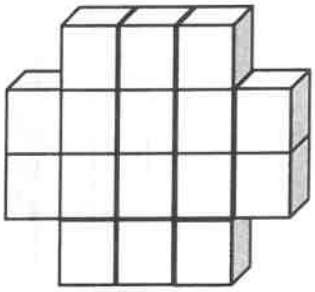
#25 Finding Icy Volume

Directions: Count the cubes to the find the volume of each ice sculpture on the beach. Each cube is 1 cubic feet.

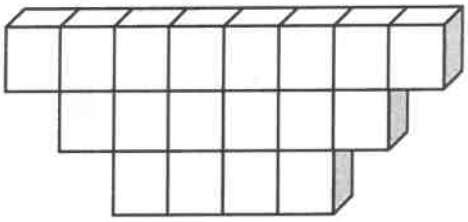
1. _____ cubic feet



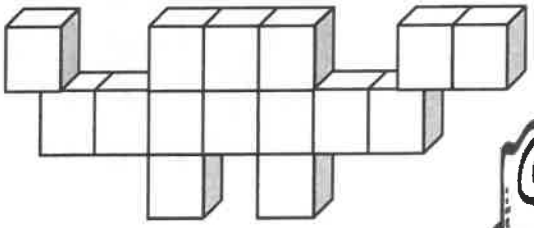
2. _____ cubic feet

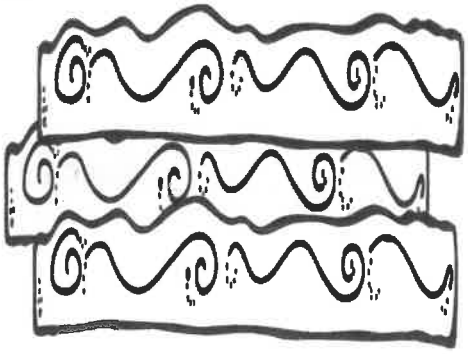


3. _____ cubic feet

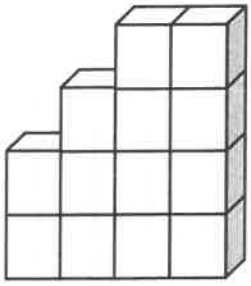


4. _____ cubic feet

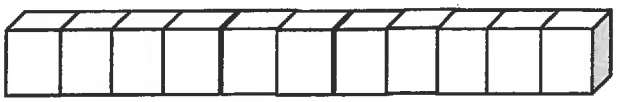




5. _____ cubic feet



6. _____ cubic feet

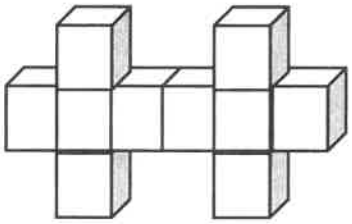


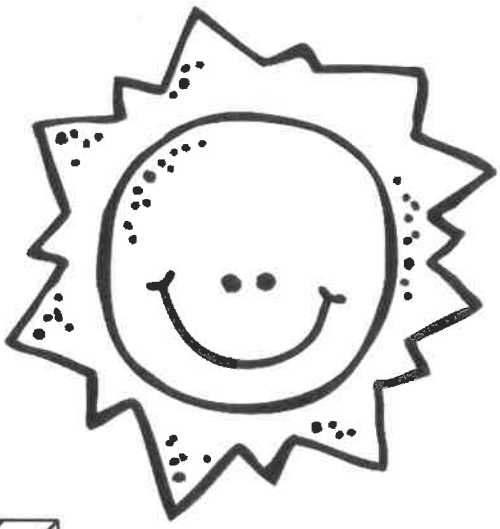
#26

Finding Icy Volume

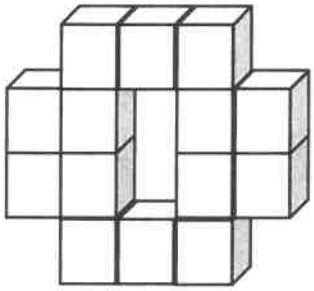
Directions: Count the cubes to the find the volume of each ice sculpture on the beach. Each cube is 1 cubic feet.

7. _____ cubic feet

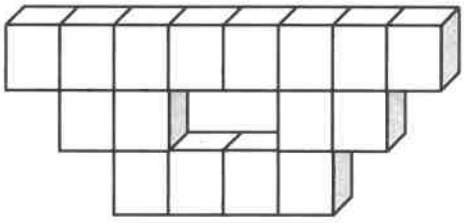




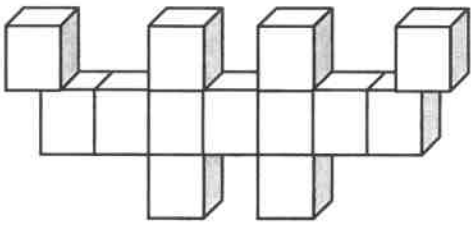
8. _____ cubic feet



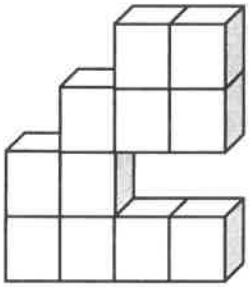
9. _____ cubic feet



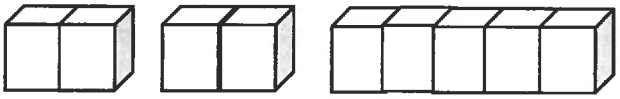
10. _____ cubic feet



11. _____ cubic feet

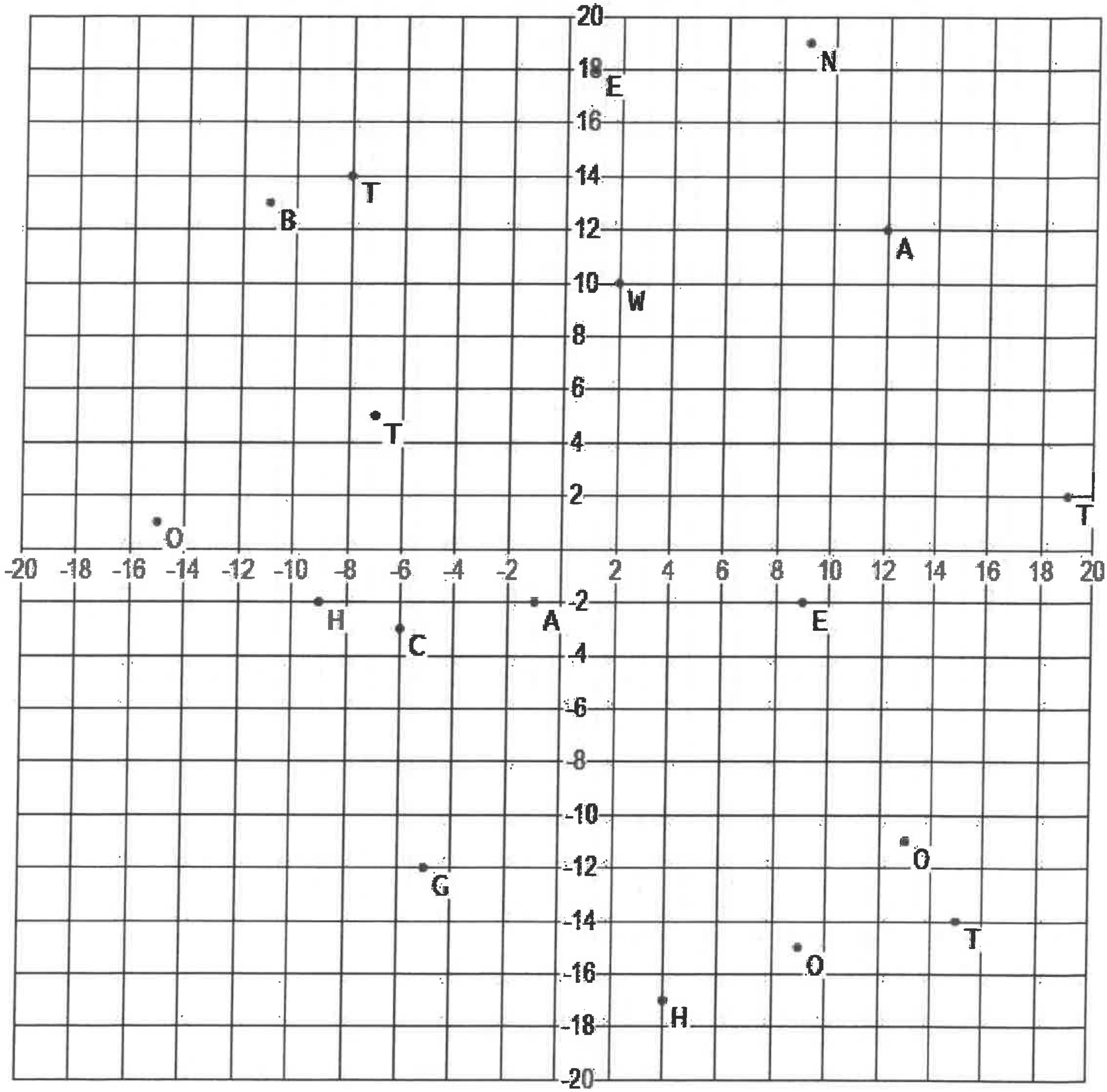


12. _____ cubic feet



#27 Graphing Points

Directions: Fill in the boxes with the letters of the points identified by each pair of coordinates. When you have them all filled in, they will reveal a secret message!



(2,10)	(-1,-2)	(9,19)	(19,2)

(-7,5)	(9,-15)

(-5,-12)	(13,-11)

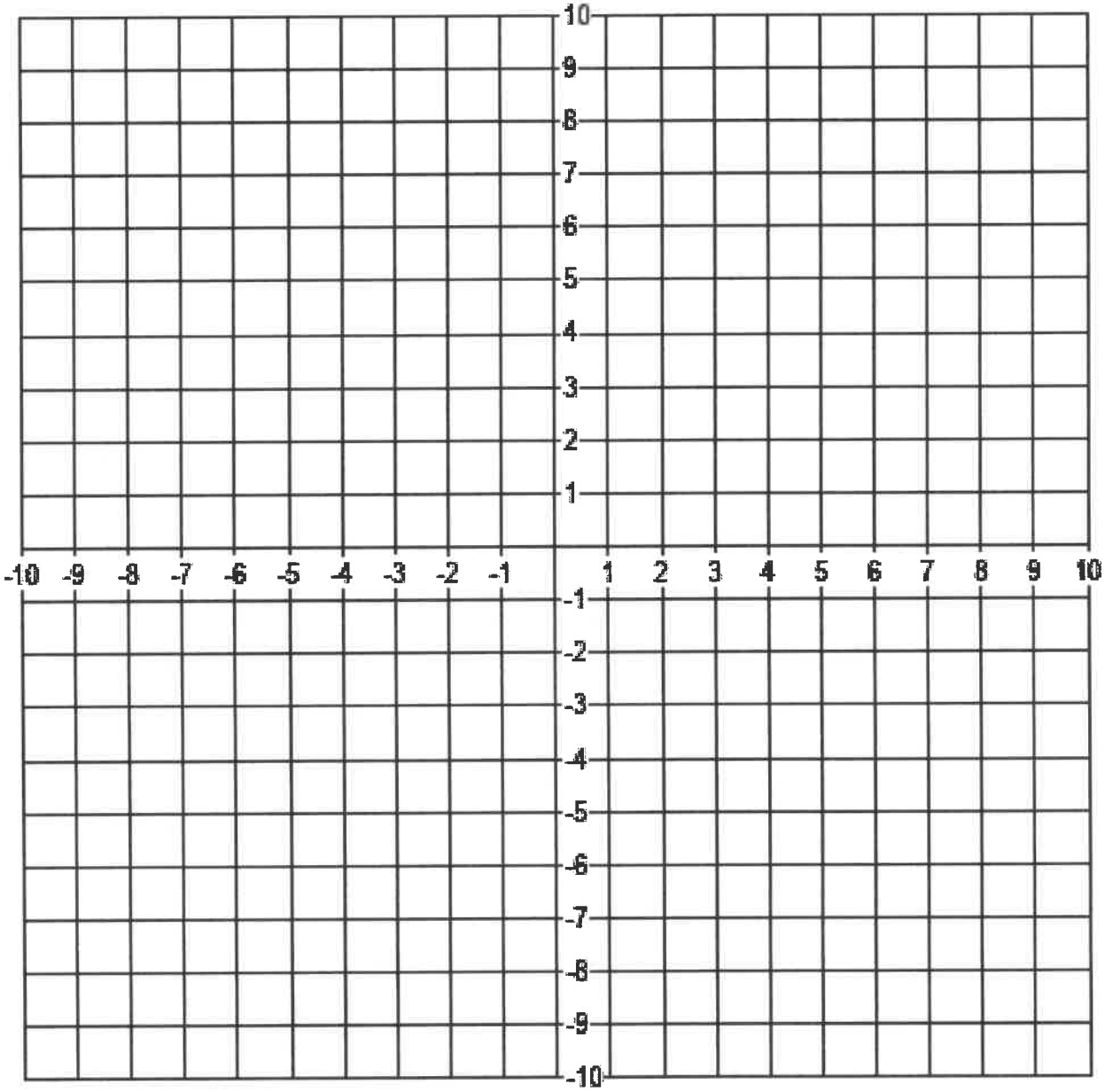
(-8,14)	(-15,1)

(15,-14)	(-9,-2)	(1,18)

(-11,13)	(9,-2)	(12,12)	(-6,-3)	(4,-17)	?

#28 Graphing Points

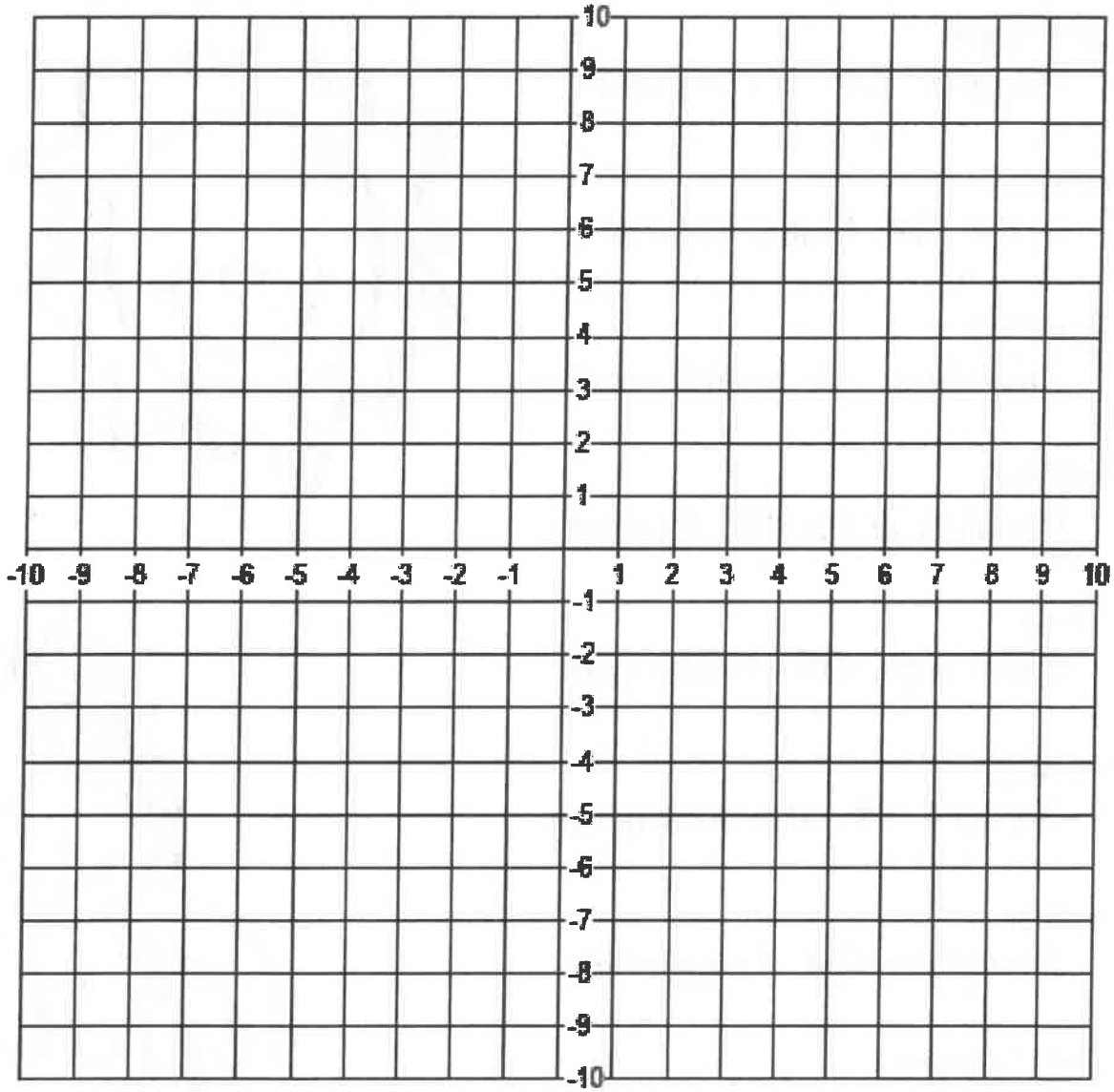
Directions: There is a picture hidden in this grid. Connect the points with lines to reveal it.



Line 1: (-6,-6), (-8,-5), (-10,-5), (-10,-4)
Line 2: (-4,6), (1,6),(4,5), (6,3), (7,1), (8,-2), (9,-2)
Line 3: (-8,-8), (-8,-9), (10,-3),(10,-2)
Line 4: (-2,-6), (-3,-5), (-3,-4), (-2,-3), (0,-3), (1,-4),(1,-5)
Line 5: (-6,-6), (-6,-5), (-8,-4), (-10,-4), (-4,6), (-4,7),(-3,8), (2,8), (6,6), (8,4), (9,2), (10,0), (10,-2), (-8,-8), (-6,-6)
Line 6: (0,5), (-2,5), (-3,4), (-3,3), (-2,2), (0,2), (1,3), (1,4),(0,5)
Line 7: (4,1), (2,1), (1,0), (1,-1), (2,-2), (4,-2), (5,-1),(5,0), (4,1)
Line 8: (-3,1), (-5,1), (-6,0), (-6,-1), (-5,-2), (-3,-2),(-2,-1), (-2,0), (-3,1)

#29 Graphing Points

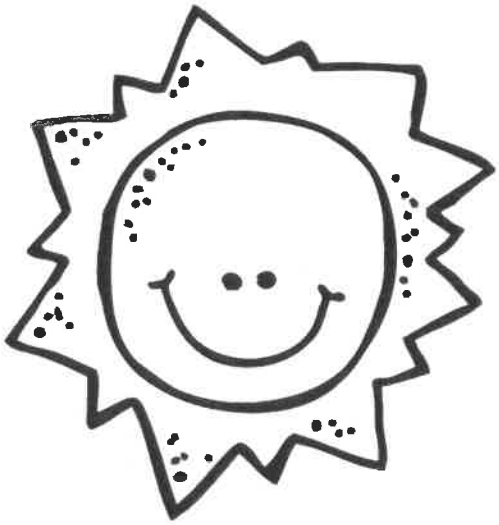
Directions: Connect each series of points with lines to reveal a secret message.



(0,-12)(0,-4)(2,-10)(4,-4)(4,-12)
(12,-12)(12,-4)(16,-4)(16,-8)(12,-8)
(10,-12)(6,-12)(6,-4)(10,-4)
(2,2)(2,10)(6,10)(6,6)(2,6)
(-16,2)(-16,10)
(-6,-12)(-6,-4)(-4,-10)(-2,-4)(-2,-12)
(-10,2)(-10,6)(-8,10)(-6,6)(-6,2)
(-10,6)(-6,6)
(-16,6)(-12,6)
(10,6)(10,2)
(14,-8)(16,-12)
(-12,2)(-12,10)
(-4,2)(-4,10)(0,10)(0,6)(-4,6)
(-12,-4)(-12,-12)(-8,-12)(-8,-4)
(-18,-12)(-14,-12)(-14,-8)(-18,-8)(-18,-4)(-14,-4)
(8,10)(10,6)(12,10)
(6,-8)(8,-8)

#30 Classify 2-D Figures

Directions: Circle the classifications that describe each shape.



1. A rectangle
   Polygon OR Trapezoid

2. Rhombus
   circle OR Quadrilateral

3. Trapezoid
   Rhombus OR Quadrilateral

4. Rhombus
   Parallelogram OR Square

5. Square
   Rectangle OR Trapezoid

6. Rectangle
   Square OR Parallelogram

7. Square
   Rhombus OR Trapezoid

8. Parallelogram
   2 sets of parallel sides OR equal sides

9. Trapezoid
   2 sets of parallel sides OR 1 set of parallel sides

10. Rhombus
    2 right angles OR no right angles