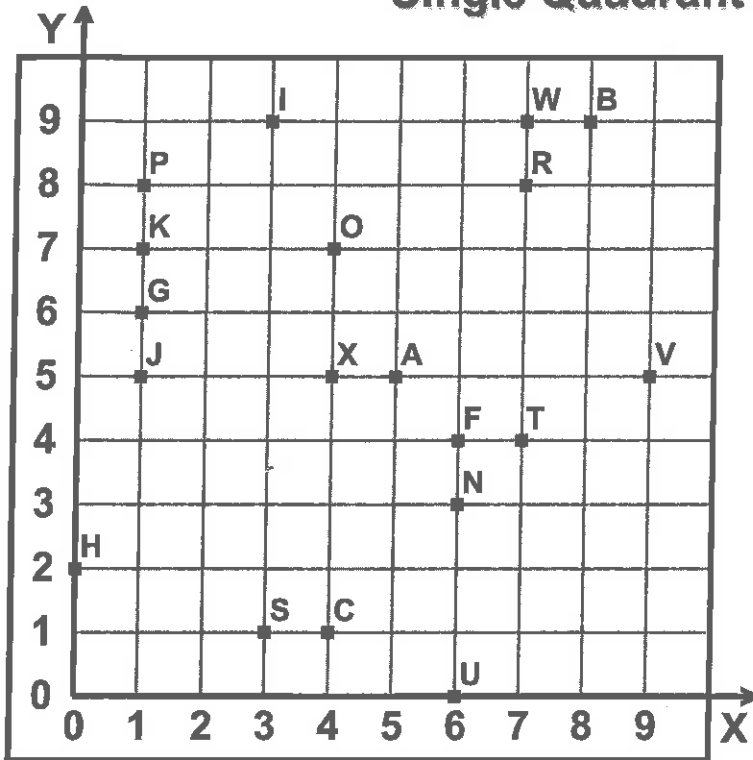


Name : _____ Score : _____

Teacher : _____ Date : _____

Single Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

- | | |
|----------------|-----------------|
| 1) (1,7) _____ | 6) (1,5) _____ |
| 2) (4,5) _____ | 7) (4,7) _____ |
| 3) (1,6) _____ | 8) (7,8) _____ |
| 4) (3,1) _____ | 9) (6,3) _____ |
| 5) (7,9) _____ | 10) (1,8) _____ |

Write the ordered pair for each given point.

- | | | |
|-------------|-------------|-------------|
| 11) B _____ | 14) U _____ | 17) A _____ |
| 12) H _____ | 15) F _____ | 18) V _____ |
| 13) T _____ | 16) I _____ | 19) C _____ |

Plot the following points on the coordinate grid.

- | | | |
|-------------|-------------|-------------|
| 20) D (0,0) | 22) Y (0,4) | 24) Z (6,1) |
| 21) M (1,3) | 23) L (8,0) | 25) Q (9,4) |

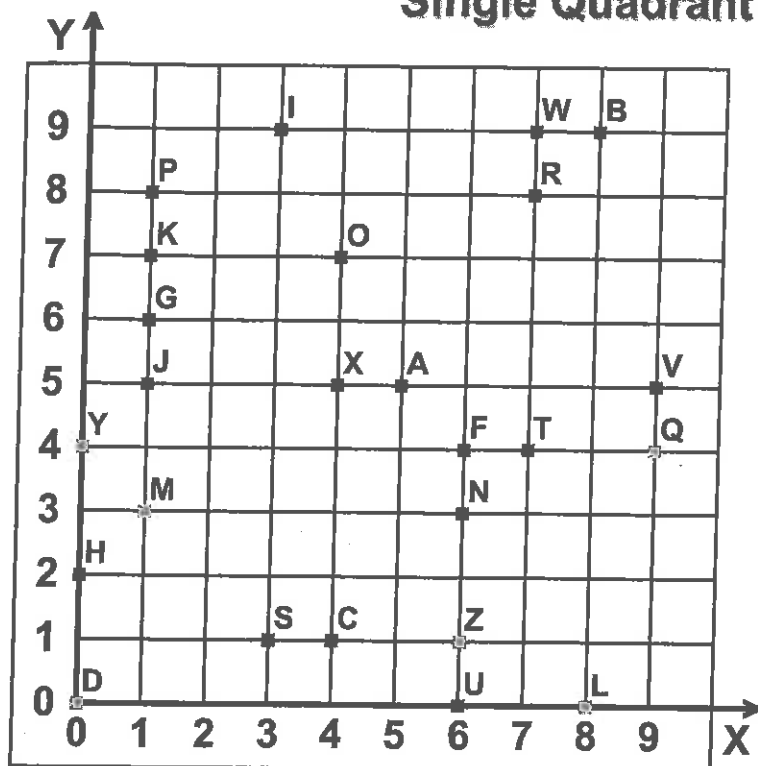
Name : _____

Score : _____

Teacher : _____

Date : _____

Single Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

1) (1,7) K 6) (1,5) J

2) (4,5) X 7) (4,7) O

3) (1,6) G 8) (7,8) R

4) (3,1) S 9) (6,3) N

5) (7,9) W 10) (1,8) P

Write the ordered pair for each given point.

11) B (8,9)

14) U (6,0)

17) A (5,5)

12) H (0,2)

15) F (6,4)

18) V (9,5)

13) T (7,4)

16) I (3,9)

19) C (4,1)

Plot the following points on the coordinate grid.

20) D (0,0)

22) Y (0,4)

24) Z (6,1)

21) M (1,3)

23) L (8,0)

25) Q (9,4)

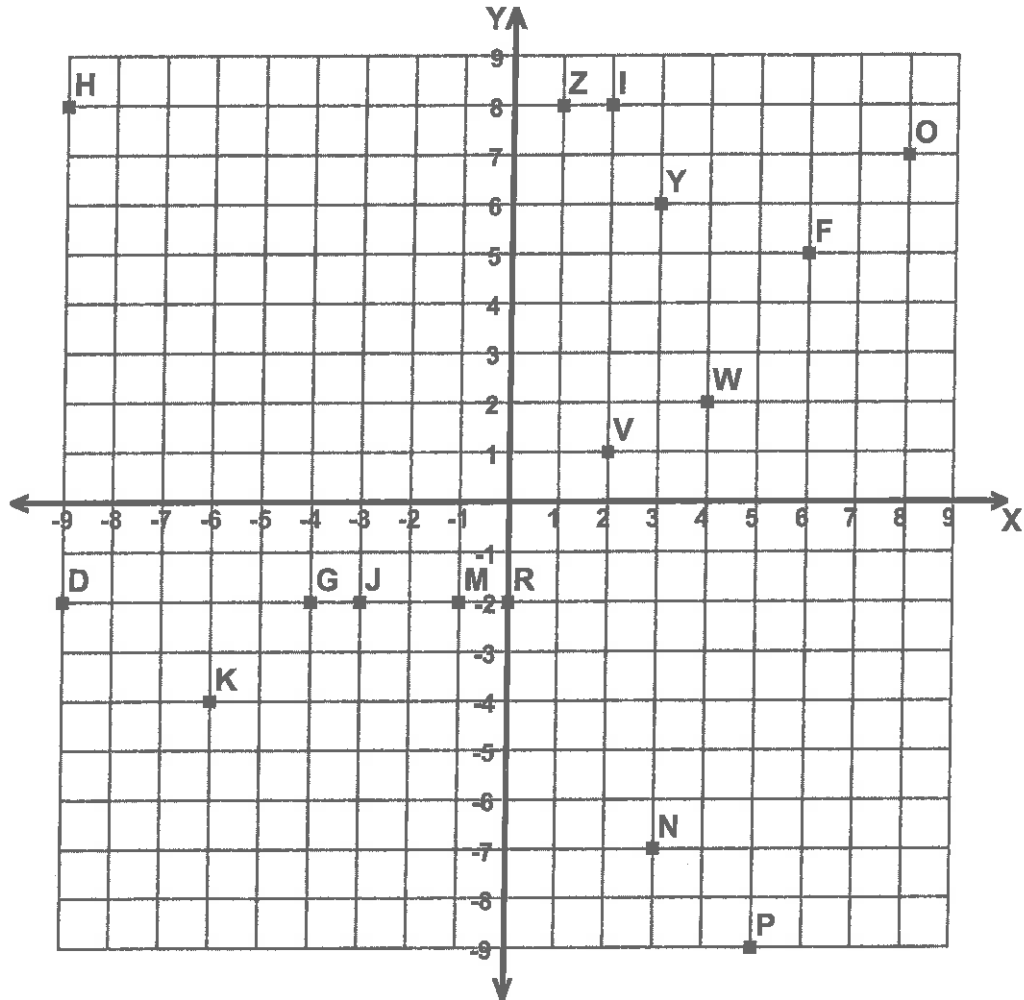
Name : _____

Score : _____

Teacher : _____

Date : _____

Four Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

- 1) $(-1, -2)$ _____ 3) $(+3, -7)$ _____ 5) $(+2, +8)$ _____ 7) $(+5, -9)$ _____
2) $(+0, -2)$ _____ 4) $(+6, +5)$ _____ 6) $(+2, +1)$ _____ 8) $(-3, -2)$ _____

Write the ordered pair for each given point.

- 9) H _____ 11) K _____ 13) Z _____ 15) Y _____
10) D _____ 12) G _____ 14) O _____ 16) W _____

Plot the following points on the coordinate grid.

- 17) Q $(+9, +9)$ 19) T $(+6, -4)$ 21) B $(+5, +3)$ 23) X $(+6, +0)$
18) S $(-9, -7)$ 20) C $(-8, -3)$ 22) E $(+9, -6)$ 24) A $(+4, +6)$



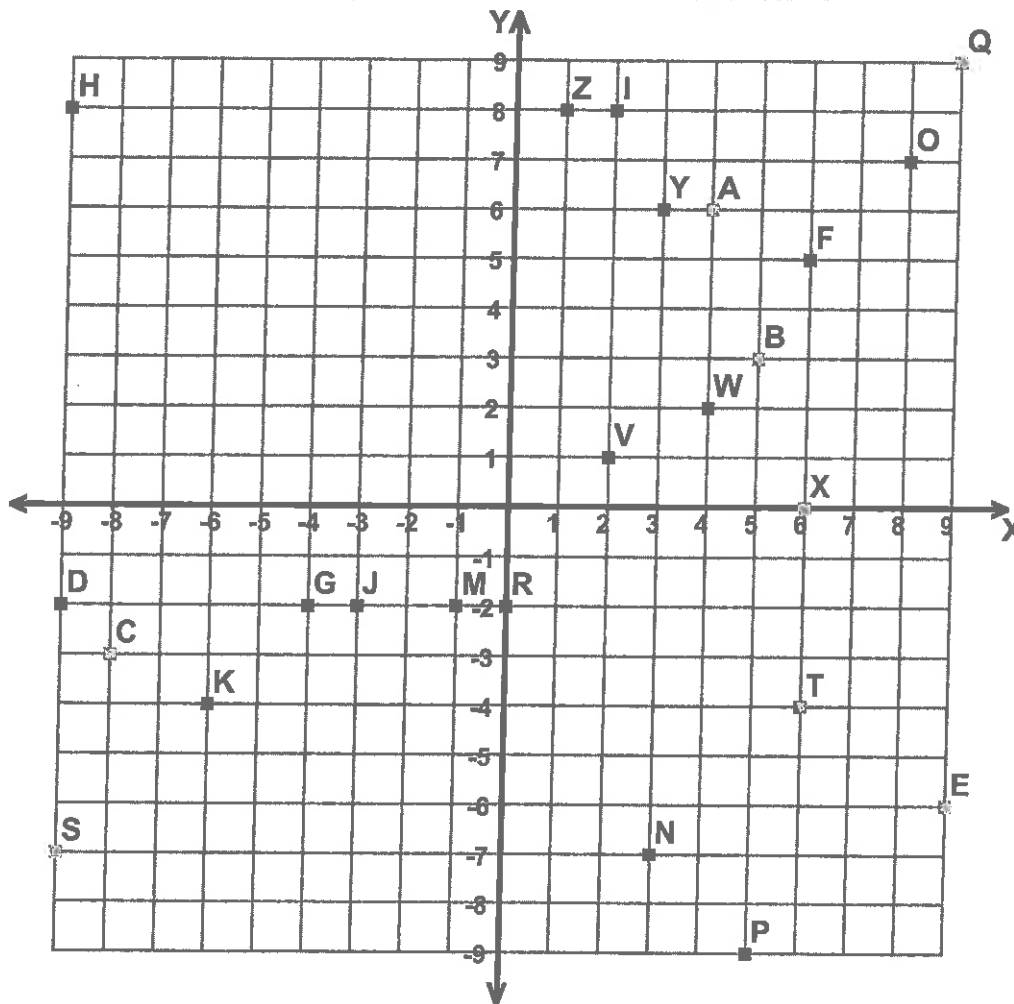
Name : _____

Score : _____

Teacher : _____

Date : _____

Four Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

- 1) $(-1,-2)$ M 3) $(+3,-7)$ N 5) $(+2,+8)$ I 7) $(+5,-9)$ P
2) $(+0,-2)$ R 4) $(+6,+5)$ F 6) $(+2,+1)$ V 8) $(-3,-2)$ J

Write the ordered pair for each given point.

- 9) H $(-9,+8)$ 11) K $(-6,-4)$ 13) Z $(+1,+8)$ 15) Y $(+3,+6)$
10) D $(-9,-2)$ 12) G $(-4,-2)$ 14) O $(+8,+7)$ 16) W $(+4,+2)$

Plot the following points on the coordinate grid.

- 17) Q $(+9,+9)$ 19) T $(+6,-4)$ 21) B $(+5,+3)$ 23) X $(+6,+0)$
18) S $(-9,-7)$ 20) C $(-8,-3)$ 22) E $(+9,-6)$ 24) A $(+4,+6)$



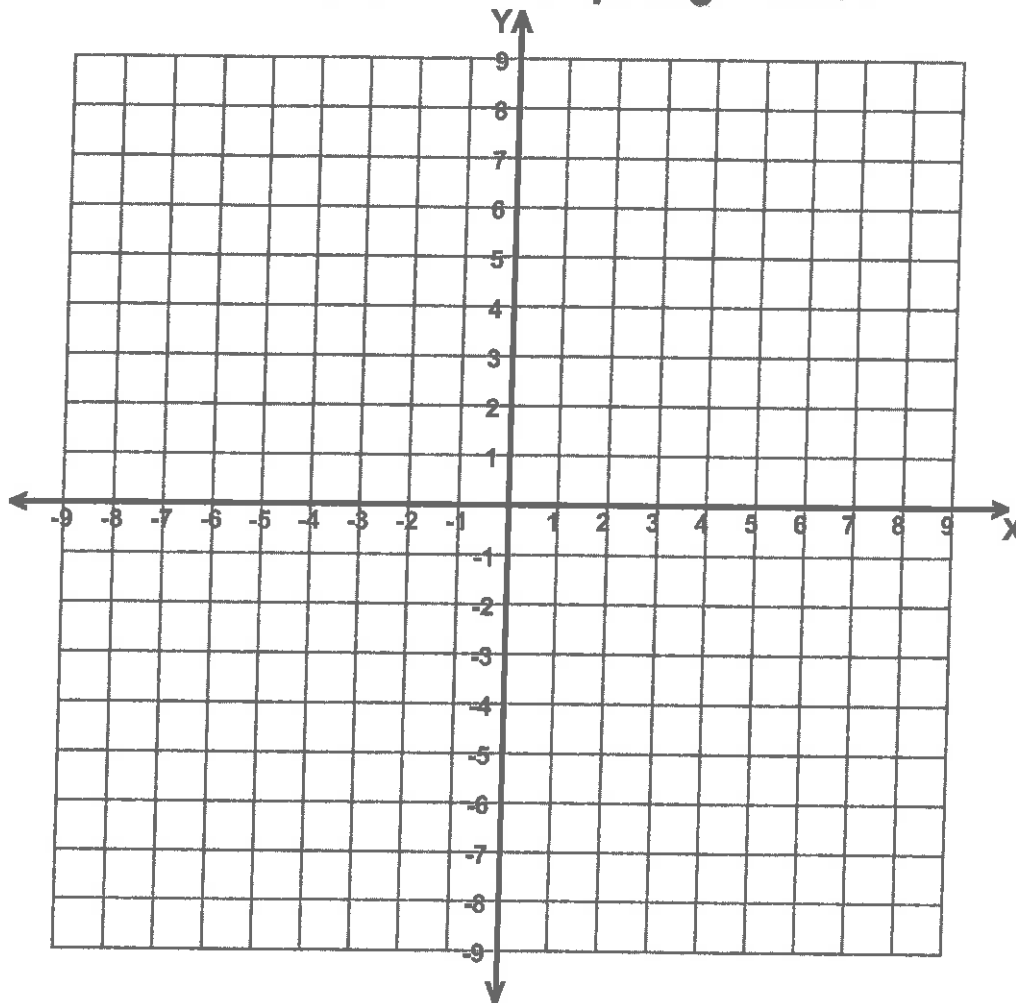
Name : _____

Score : _____

Teacher : _____

Date : _____

Four Quadrant Graphing Puzzle



Connect each sequence of points with a line.

$(3,-3)$, $(3,3.5)$, $(7,-3)$, $(8,-3)$, $(8,5)$, $(7,5)$, $(7,-1.5)$

$(3,5)$, $(2,5)$, $(2,-3)$, $(3,-3)$ End of Sequence

What is the shape ? _____



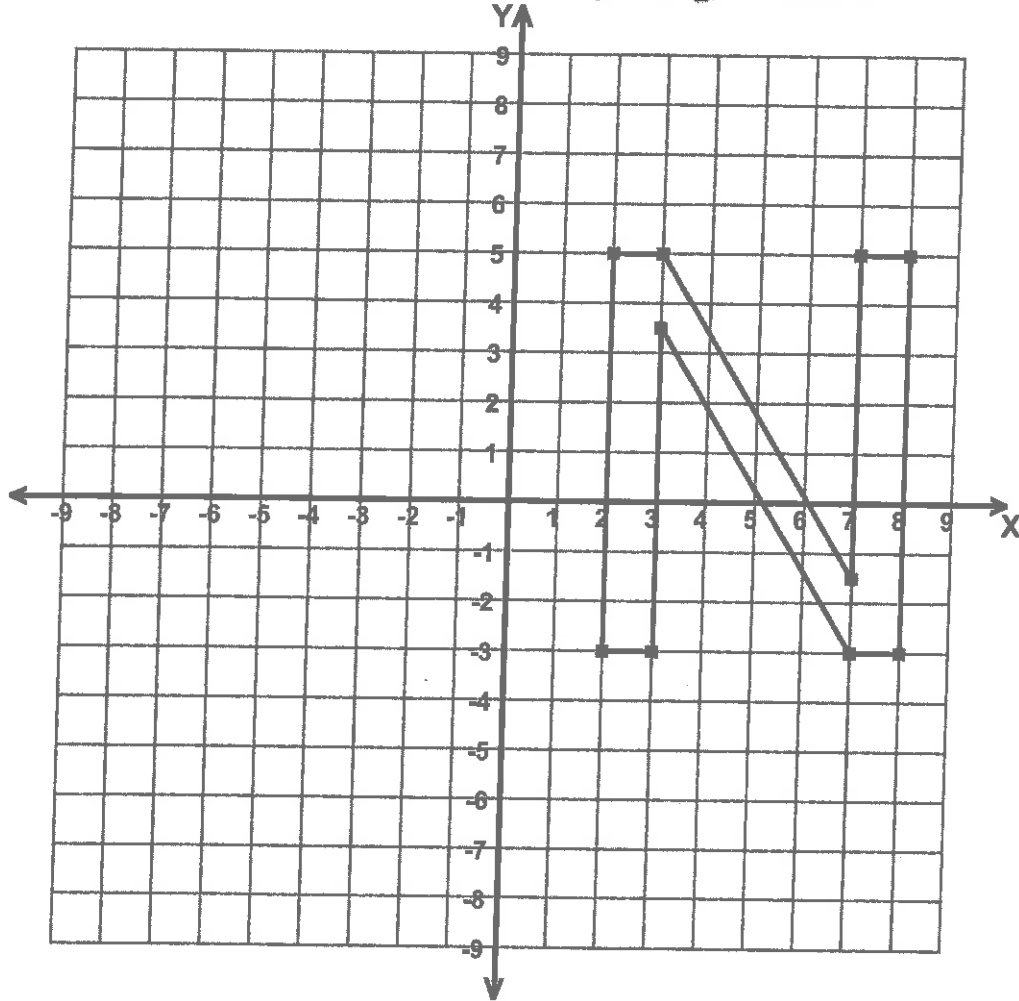
Name : _____

Score : _____

Teacher : _____

Date : _____

Four Quadrant Graphing Puzzle



Connect each sequence of points with a line.

(3,-3) , (3,3.5) , (7,-3) , (8,-3) , (8,5) , (7,5) , (7,-1.5)

(3,5) , (2,5) , (2,-3) , (3,-3) End of Sequence

What is the shape ?

The Letter N



Name : _____

Score : _____

Teacher : _____

Date : _____

Is the Number to the left of each row divisible by the Number at top of each column? Write Y (YES) or N (NO) in each box.

	2	3	4	5	6	7	8	9
22								
80								
75								
38								
42								
88								
30								
21								
65								
68								
51								
98								



Divisibility Rules

Divisor	Divisibility Condition	Example
2	The last digit is even (0, 2, 4, 6, or 8).	38 : 8 is even which is divisible by 2.
3	The sum of the digits is divisible by 3. For large numbers, digits may be summed iteratively.	4,053 => 4+0+5+3=12 and 1+2=3 which is clearly divisible by 3.
4	Add the ones digit to twice the tens digit. (All digits to the left of the tens digit can be ignored.)	7,372 : 2 + (2 x 7) = 16 which is clearly divisible by 4.
	The last two digits divisible by 4.	20,516 : 16 is divisible by 4.
	If the tens digit is even, and the ones digit is 0, 4, or 8. If the tens digit is odd, and the ones digit is 2, or 6.	728 : 2 is even, & the last digit is 8. 356 : 3 is odd, & the last digit is 6.
5	The last digit is 0 or 5.	1,285 : the last digit is 5.
6	If it is divisible by 2 and by 3.	2,562 : 2 + 5 + 6 + 2 = 15, which it is divisible by 3, and the last digit is even which is divisible by 2, so the number is divisible 6.
8	If the last three digits are divisible by 8, then the entire number is also divisible by 8.	1,024 : 024 is divisible by 8 so, 1,024 is also divisible by 8.
9	The sum of the digits is divisible by 9. For large numbers, digits may be summed iteratively.	1,269 => 1+2+6+9=18 and 1+8=9 which is clearly divisible by 9.



Name : _____

Score : _____

Teacher : _____

Date : _____

Is the Number to the left of each row divisible by the Number at top of each column? Write Y (YES) or N (NO) in each box.

	2	3	4	5	6	7	8	9
22	Y	N	N	N	N	N	N	N
80	Y	N	Y	Y	N	N	Y	N
75	N	Y	N	Y	N	N	N	N
38	Y	N	N	N	N	N	N	N
42	Y	Y	N	N	Y	Y	N	N
88	Y	N	Y	N	N	N	Y	N
30	Y	Y	N	Y	Y	N	N	N
21	N	Y	N	N	N	Y	N	N
65	N	N	N	Y	N	N	N	N
68	Y	N	Y	N	N	N	N	N
51	N	Y	N	N	N	N	N	N
98	Y	N	N	N	N	Y	N	N



Name : _____

Score : _____

Teacher : _____

Date : _____

$18 \div 6 =$

$20 \div 5 =$

$9 \div 3 =$

$8 \div 4 =$

$28 \div 7 =$

$56 \div 8 =$

$36 \div 6 =$

$3 \div 1 =$

$72 \div 8 =$

$14 \div 2 =$

$14 \div 7 =$

$8 \div 1 =$

$9 \div 1 =$

$18 \div 9 =$

$48 \div 8 =$

$16 \div 2 =$

$42 \div 7 =$

$5 \div 5 =$

$6 \div 6 =$

$27 \div 9 =$

$1 \div 1 =$

$36 \div 4 =$

$45 \div 5 =$

$4 \div 2 =$

$24 \div 3 =$

$8 \div 2 =$

$72 \div 9 =$

$21 \div 3 =$

$20 \div 5 =$

$28 \div 4 =$



Name : _____

Score : _____

Teacher : _____

Date : _____

$18 \div 6 = 3$

$20 \div 5 = 4$

$9 \div 3 = 3$

$8 \div 4 = 2$

$28 \div 7 = 4$

$56 \div 8 = 7$

$36 \div 6 = 6$

$3 \div 1 = 3$

$72 \div 8 = 9$

$14 \div 2 = 7$

$14 \div 7 = 2$

$8 \div 1 = 8$

$9 \div 1 = 9$

$18 \div 9 = 2$

$48 \div 8 = 6$

$16 \div 2 = 8$

$42 \div 7 = 6$

$5 \div 5 = 1$

$6 \div 6 = 1$

$27 \div 9 = 3$

$1 \div 1 = 1$

$36 \div 4 = 9$

$45 \div 5 = 9$

$4 \div 2 = 2$

$24 \div 3 = 8$

$8 \div 2 = 4$

$72 \div 9 = 8$

$21 \div 3 = 7$

$20 \div 5 = 4$

$28 \div 4 = 7$



Name : _____ Score : _____

Teacher : _____ Date : _____

$4 \overline{)316}$

$7 \overline{)595}$

$7 \overline{)280}$

$7 \overline{)469}$

$6 \overline{)510}$

$9 \overline{)684}$

$3 \overline{)51}$

$2 \overline{)82}$

$4 \overline{)100}$

$3 \overline{)231}$

$4 \overline{)340}$

$8 \overline{)600}$

$8 \overline{)680}$

$2 \overline{)108}$

$9 \overline{)342}$

$2 \overline{)64}$

$5 \overline{)330}$

$6 \overline{)558}$

$6 \overline{)144}$

$5 \overline{)310}$



Name : _____ Score : _____

Teacher : _____ Date : _____

$$4 \overline{)316} \begin{array}{r} 79 \\ \hline \end{array}$$

$$7 \overline{)595} \begin{array}{r} 85 \\ \hline \end{array}$$

$$7 \overline{)280} \begin{array}{r} 40 \\ \hline \end{array}$$

$$7 \overline{)469} \begin{array}{r} 67 \\ \hline \end{array}$$

$$6 \overline{)510} \begin{array}{r} 85 \\ \hline \end{array}$$

$$9 \overline{)684} \begin{array}{r} 76 \\ \hline \end{array}$$

$$3 \overline{)51} \begin{array}{r} 17 \\ \hline \end{array}$$

$$2 \overline{)82} \begin{array}{r} 41 \\ \hline \end{array}$$

$$4 \overline{)100} \begin{array}{r} 25 \\ \hline \end{array}$$

$$3 \overline{)231} \begin{array}{r} 77 \\ \hline \end{array}$$

$$4 \overline{)340} \begin{array}{r} 85 \\ \hline \end{array}$$

$$8 \overline{)600} \begin{array}{r} 75 \\ \hline \end{array}$$

$$8 \overline{)680} \begin{array}{r} 85 \\ \hline \end{array}$$

$$2 \overline{)108} \begin{array}{r} 54 \\ \hline \end{array}$$

$$9 \overline{)342} \begin{array}{r} 38 \\ \hline \end{array}$$

$$2 \overline{)64} \begin{array}{r} 32 \\ \hline \end{array}$$

$$5 \overline{)330} \begin{array}{r} 66 \\ \hline \end{array}$$

$$6 \overline{)558} \begin{array}{r} 93 \\ \hline \end{array}$$

$$6 \overline{)144} \begin{array}{r} 24 \\ \hline \end{array}$$

$$5 \overline{)310} \begin{array}{r} 62 \\ \hline \end{array}$$

