

Summer Instructional Packets



Grade 3

Name: _____

Fact Family Street

Use multiplication and division to fill in the fact family living in each house.

a.

32		
x, ÷		
8		4
8	x	4 = 32
4	x	8 = 32
32	÷	8 = 4
32	÷	4 = 8

b.

132		
x, ÷		
12		11
	x	=
	x	=
	÷	=
	÷	=

c.

21		
x, ÷		
7		3
	x	=
	x	=
	÷	=
	÷	=

d.

120		
x, ÷		
12		10
	x	=
	x	=
	÷	=
	÷	=

e.

36		
x, ÷		
9		4
	x	=
	x	=
	÷	=
	÷	=

f.

54		
x, ÷		
9		6
	x	=
	x	=
	÷	=
	÷	=

g.

12		
x, ÷		
4		3
	x	=
	x	=
	÷	=
	÷	=

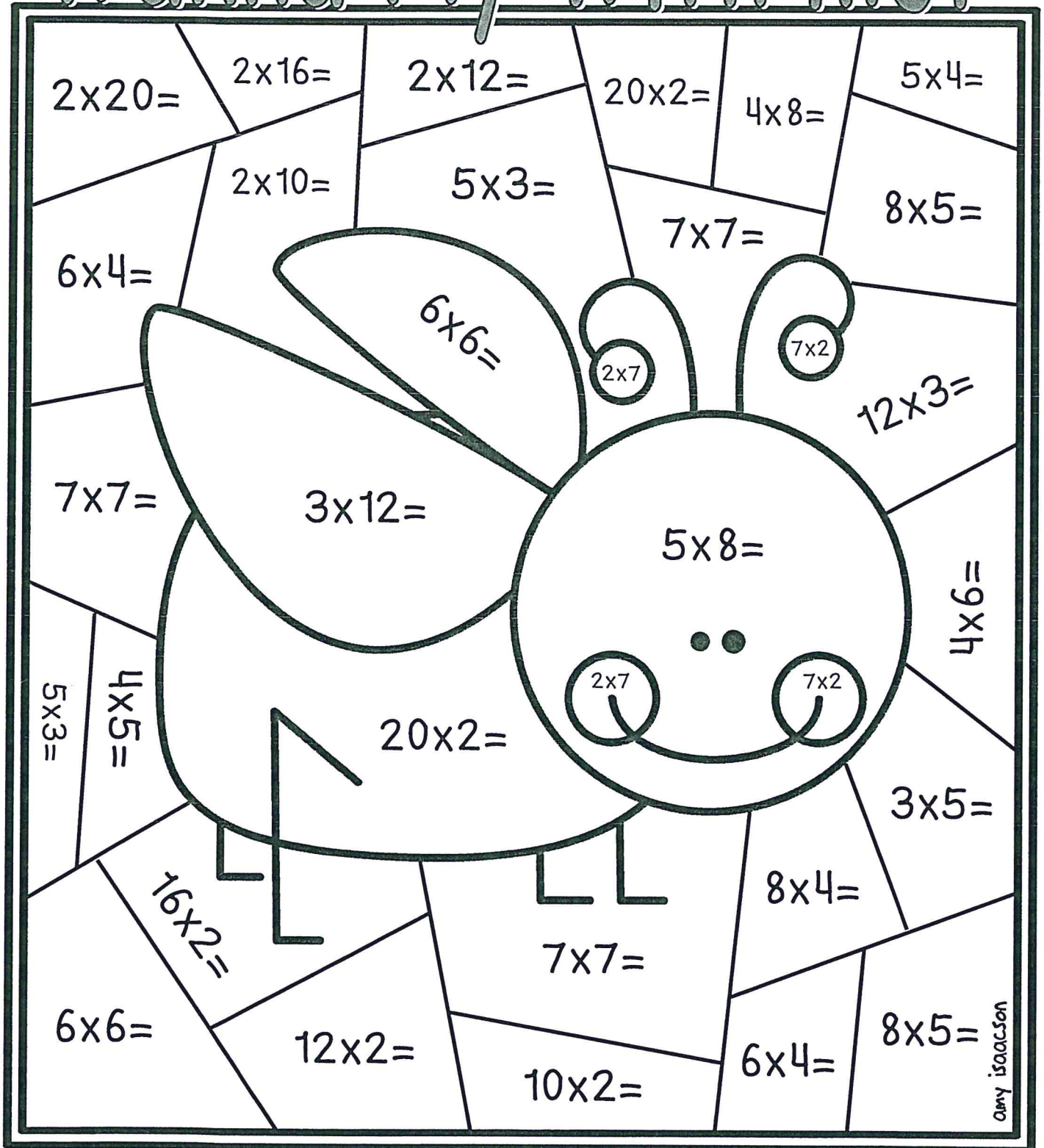
h.

56		
x, ÷		
8		7
	x	=
	x	=
	÷	=
	÷	=

i.

66		
x, ÷		
11		6
	x	=
	x	=
	÷	=
	÷	=

Wanna Fly With Me?



14=light pink
15=orange

20=red
24=purple

32=dark pink
36=dark green

40=light green
49=yellow

Name: _____

Basic Division

$8 \overline{)64}$

$7 \overline{)56}$

$5 \overline{)50}$

$10 \overline{)30}$

$5 \overline{)35}$

$10 \overline{)60}$

$9 \overline{)90}$

$3 \overline{)21}$

$5 \overline{)40}$

$6 \overline{)54}$

$4 \overline{)24}$

$2 \overline{)6}$

$5 \overline{)10}$

$2 \overline{)4}$

$5 \overline{)30}$

$9 \overline{)36}$

$7 \overline{)14}$

$10 \overline{)50}$

$2 \overline{)20}$

$5 \overline{)25}$

$5 \overline{)45}$

$7 \overline{)42}$

$6 \overline{)18}$

$7 \overline{)35}$

$2 \overline{)8}$

Time: _____ minutes **Score:** _____ out of 25

Name: _____

Date: _____

Mixed Facts

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

Time: _____ minutes Score: _____ out of 50

Name: _____

Date: _____

Mixed Facts

$$\begin{array}{r} 6 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 11 \\ \hline \end{array}$$

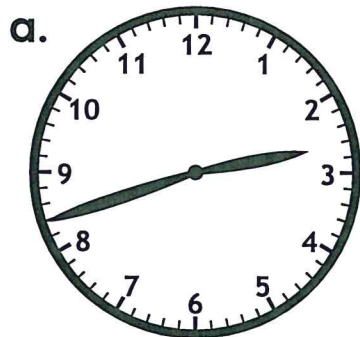
Time: _____ minutes Score: _____ out of 50

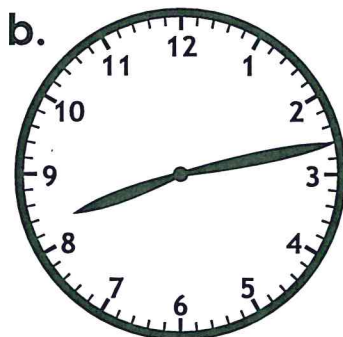
Name: _____

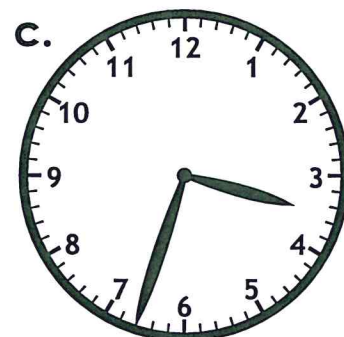
Time to the Nearest Minute

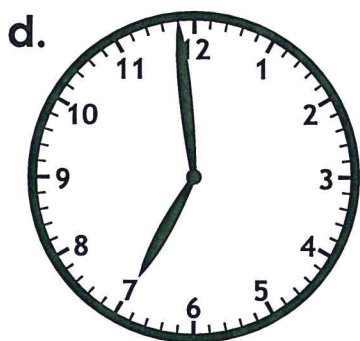
Telling Time

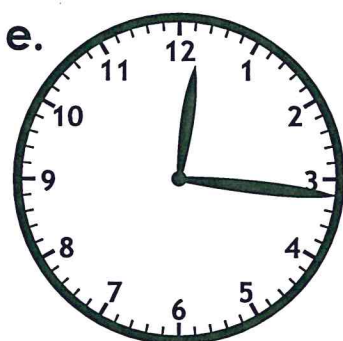
Write the time shown.

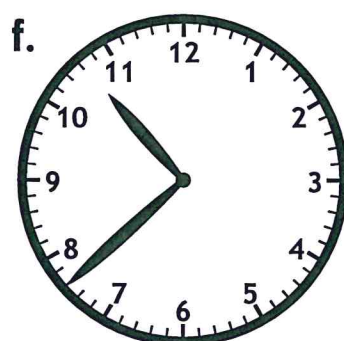




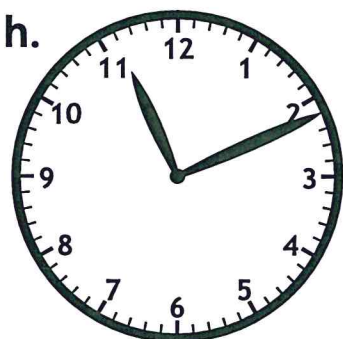


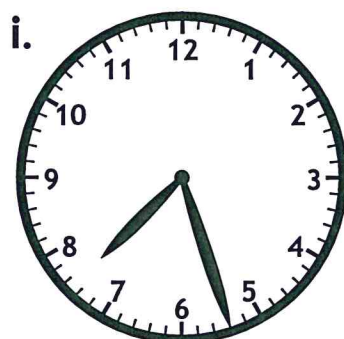










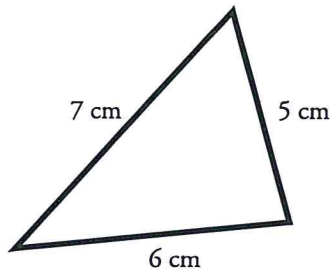


Name: _____

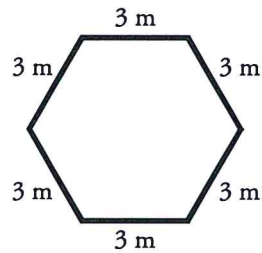
Perimeter of a Polygon

Find the perimeter of each shape by adding the lengths of each side.

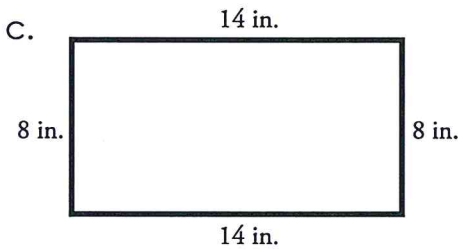
a.



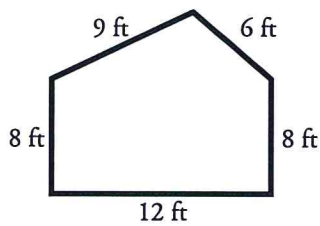
b.



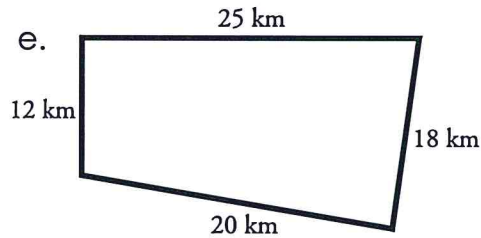
c.



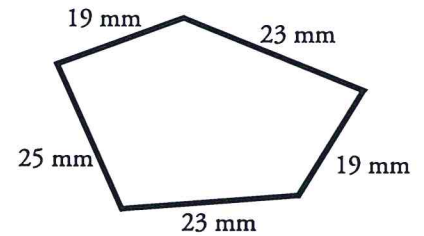
d.



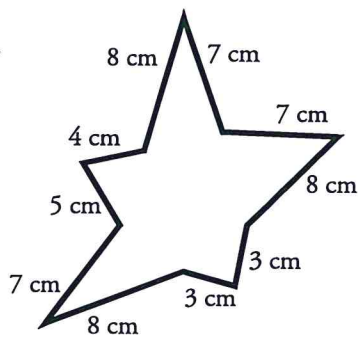
e.



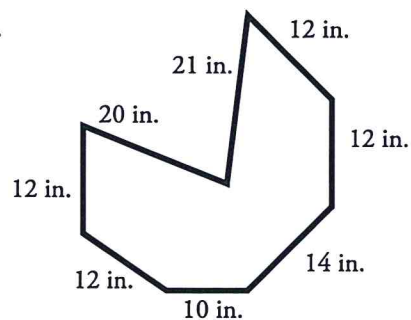
f.



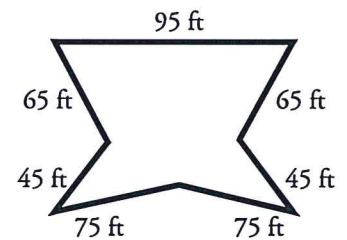
g.



h.



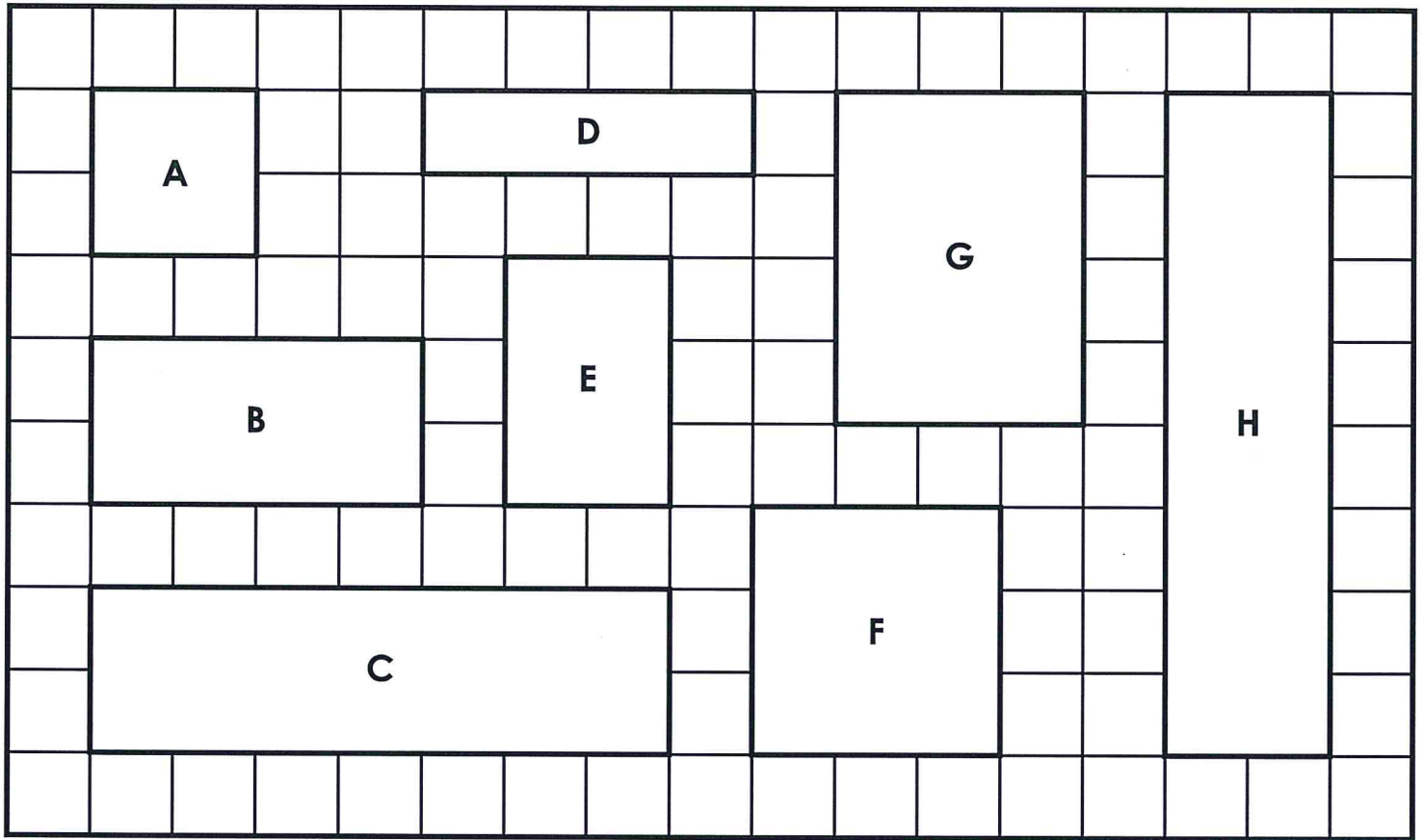
i.



Challenge: Draw a square with a perimeter of 180 yards.
Label the lengths of each side.

Name: _____

Area of a Rectangle



Write the area of each rectangle listed below. Don't forget to write **square units** in your answer. Not all rectangles will be used.

G - _____ A - _____ H - _____

B - _____ F - _____ E - _____

Which rectangle has the largest area? _____

Which two rectangles have the same area? _____ and _____

Name: _____

Secret Code Math

Multiplication: Basic Facts 0 - 12

Decode the numbers. Write the real numbers above the symbols.

Then multiply the numbers to find the products. The first one has been done for you.

1



2



3



4



5



6



7



8



9



0



a.

$$\begin{array}{ccc} 1 & 2 & 2 \\ \text{☺} & \star & \times \star = \underline{24} \end{array}$$

b.

$$\text{♥} \times \uparrow = \underline{\quad}$$

c.

$$\text{◇} \times \text{♥} = \underline{\quad}$$

d.

$$\text{☺} \star \times \ast = \underline{\quad}$$

e.

$$\text{☺} \text{☺} \times \text{▮} = \underline{\quad}$$

f.

$$\ast \times \text{⚡} = \underline{\quad}$$

g.

$$\text{☯} \times \text{◇} = \underline{\quad}$$

h.

$$\text{☺} \star \times \text{☺} \text{☺} = \underline{\quad}$$

i.

$$\uparrow \times \uparrow = \underline{\quad}$$

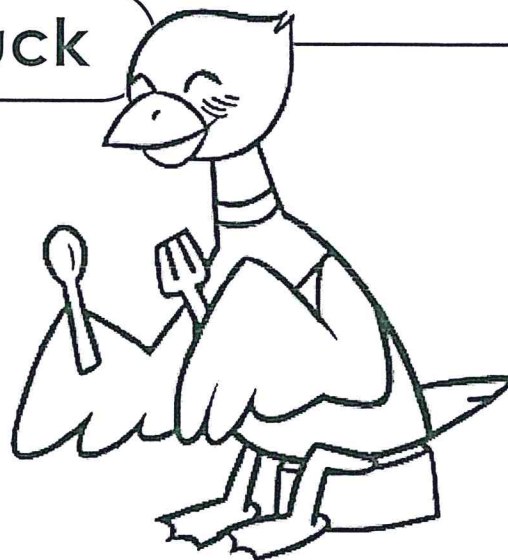
j.

$$\uparrow \times \text{☺} \star = \underline{\quad}$$

Name: _____

Lunch for Duck

Add to find the sums or subtract to find the differences. Then, solve the riddle by matching the letters to the blank lines below.



C $\begin{array}{r} 1,246 \\ + 3,866 \\ \hline \end{array}$

E $\begin{array}{r} 6,407 \\ - 224 \\ \hline \end{array}$

N $\begin{array}{r} 5,435 \\ - 5,095 \\ \hline \end{array}$

S $\begin{array}{r} 4,876 \\ - 2,938 \\ \hline \end{array}$

E $\begin{array}{r} 8,888 \\ + 413 \\ \hline \end{array}$

S $\begin{array}{r} 263 \\ + 3,236 \\ \hline \end{array}$

A $\begin{array}{r} 7,997 \\ + \quad 7 \\ \hline \end{array}$

C $\begin{array}{r} 9,065 \\ + 299 \\ \hline \end{array}$

E $\begin{array}{r} 3,032 \\ - 502 \\ \hline \end{array}$

D $\begin{array}{r} 5,620 \\ - 1,590 \\ \hline \end{array}$

R $\begin{array}{r} 6,697 \\ + 6,697 \\ \hline \end{array}$

A $\begin{array}{r} 9,465 \\ + 972 \\ \hline \end{array}$

E $\begin{array}{r} 2,846 \\ - 1,464 \\ \hline \end{array}$

K $\begin{array}{r} 2,424 \\ - 1,081 \\ \hline \end{array}$

H $\begin{array}{r} 2,778 \\ + 8,625 \\ \hline \end{array}$

Q $\begin{array}{r} 9 \\ + 6,992 \\ \hline \end{array}$

U $\begin{array}{r} 4,568 \\ - 3,629 \\ \hline \end{array}$

What did the duck eat for lunch?

$\begin{array}{r} 9,364 \\ \hline \end{array}$ $\begin{array}{r} 11,403 \\ \hline \end{array}$ $\begin{array}{r} 2,530 \\ \hline \end{array}$ $\begin{array}{r} 6,183 \\ \hline \end{array}$ $\begin{array}{r} 3,499 \\ \hline \end{array}$ $\begin{array}{r} 9,301 \\ \hline \end{array}$

$\begin{array}{r} 8,004 \\ \hline \end{array}$ $\begin{array}{r} 340 \\ \hline \end{array}$ $\begin{array}{r} 4,030 \\ \hline \end{array}$

$\begin{array}{r} 7,001 \\ \hline \end{array}$ $\begin{array}{r} 939 \\ \hline \end{array}$ $\begin{array}{r} 10,437 \\ \hline \end{array}$ $\begin{array}{r} 5,112 \\ \hline \end{array}$ $\begin{array}{r} 1,343 \\ \hline \end{array}$ $\begin{array}{r} 1,382 \\ \hline \end{array}$ $\begin{array}{r} 13,394 \\ \hline \end{array}$ $\begin{array}{r} 1,938 \\ \hline \end{array}$ •

Name: _____

Division Search

21	56	3	12	75	5	16	8	2	6
5	8	4	2	12	13	4	52	7	27
81	7	18	13	3	$28 \div 4 = 7$	42	3		
9	8	32	8	4	21	11	18	2	9
9	37	10	1	10	7	45	75	8	35
3	72	9	8	15	3	5	25	5	5
3	6	66	0	4	0	9	6	14	7

Can you find 20 division facts in this puzzle? Circle each division fact and its answer. Don't forget to add the $\div$ and $=$ signs.

1. _____

11. _____

2. _____

12. _____

3. _____

13. _____

4. _____

14. _____

5. _____

15. _____

6. _____

16. _____

7. _____

17. _____

8. _____

18. _____

9. _____

19. _____

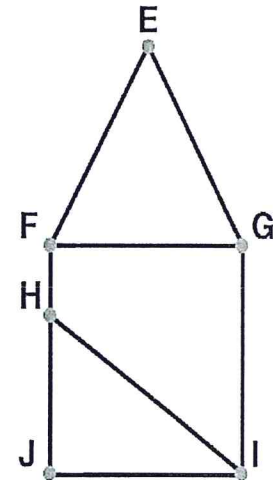
10. _____

20. _____

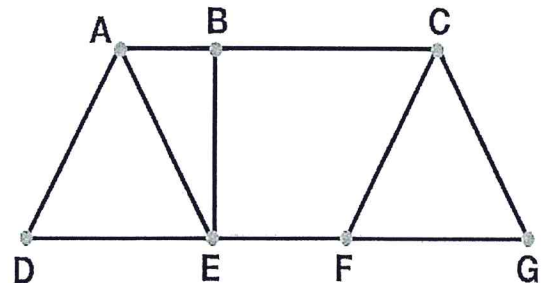
Name: _____

Find the Angles

Acute Angles	Obtuse Angles	Right Angles



Acute Angles	Obtuse Angles	Right Angles



Acute Angles	Obtuse Angles	Right Angles

