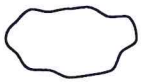
Summer Instructional Packets

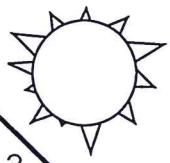
Grade 3

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.

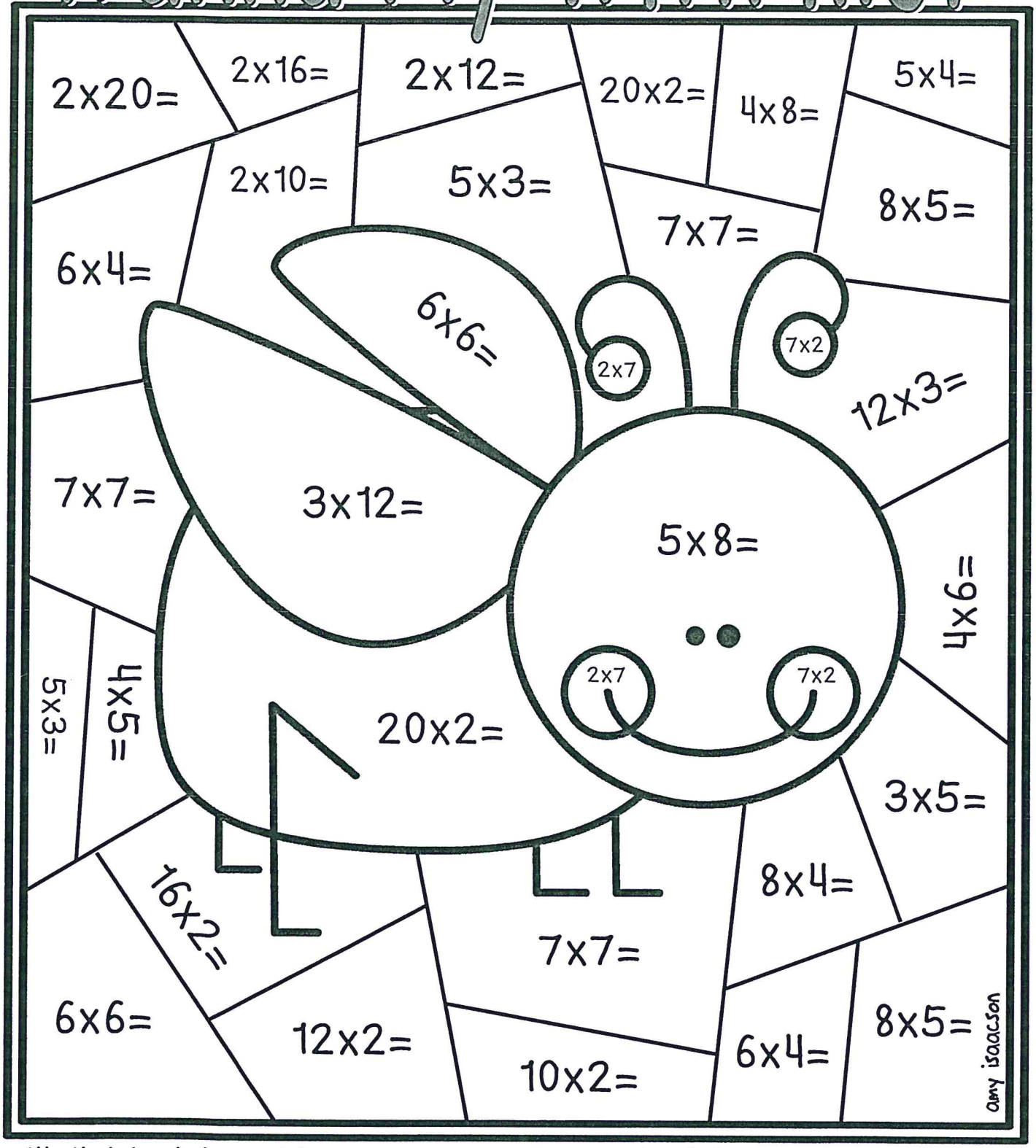
66

x, ÷

11 6

	x		=	
	x		=	
	÷		=	
	÷		=	

Wanna Fly With Me?



14=light pink 20=red 32=dark pink 40=light green
15=orange 24=purple 36=dark 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

12 x 2	8 x 4	11 x 9	1 x 7	4 x 5	8 x 10	2 x 7	8 x 3	2 x 12	1 x 9
8 x 5	2 x 10	10 x 10	12 x 4	0 x 0	11 x 8	10 x 6	5 x 6	11 x 11	11 x 6
2 x 3	6 x 11	11 x 2	7 x 6	5 x 1	7 x 2	10 x 12	4 x 11	4 x 6	9 x 10
10 x 4	1 x 2	7 x 12	10 x 9	5 x 2	4 x 0	12 x 12	7 x 9	2 x 5	1 x 3
5 x 3	11 x 5	5 x 4	9 x 9	4 x 2	5 x 10	1 x 0	3 x 10	1 x 10	6 x 4

Time: _____ minutes **Score:** _____ out of 50

Name: _____ Date: _____

Mixed Facts

6 x 12	4 x 11	8 x 7	4 x 1	11 x 7	7 x 12	5 x 10	12 x 4	8 x 5	7 x 9
9 x 2	9 x 12	7 x 5	10 x 12	2 x 10	9 x 4	1 x 3	12 x 12	5 x 2	1 x 7
5 x 4	5 x 8	6 x 2	11 x 12	1 x 11	3 x 4	6 x 4	10 x 8	12 x 8	5 x 9
2 x 9	5 x 6	12 x 2	10 x 9	9 x 1	4 x 7	9 x 3	9 x 5	12 x 7	12 x 11
12 x 3	10 x 4	7 x 8	4 x 2	6 x 8	3 x 5	7 x 1	8 x 1	3 x 6	8 x 11

Time: _____ minutes **Score:** _____ out of 50

Name: _____

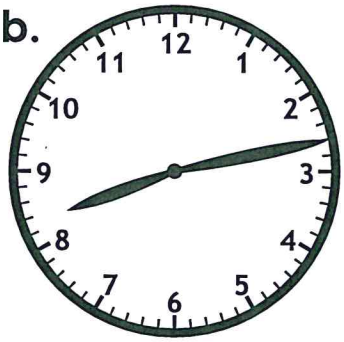
Time to the Nearest Minute

Telling Time

Write the time shown.

a. 

_____

b. 

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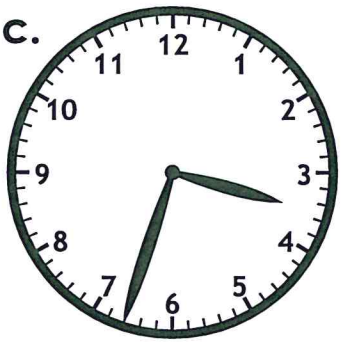
c. 

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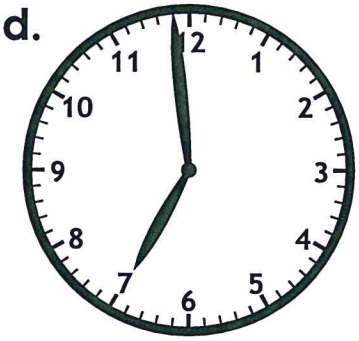
d. 

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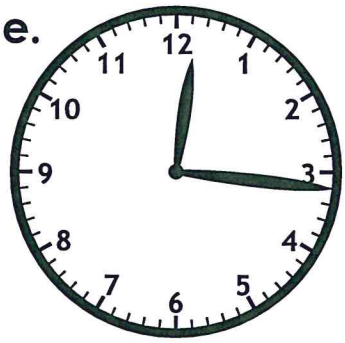
e. 

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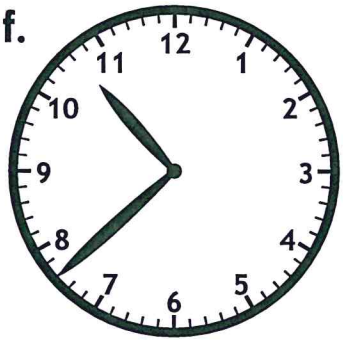
f. 

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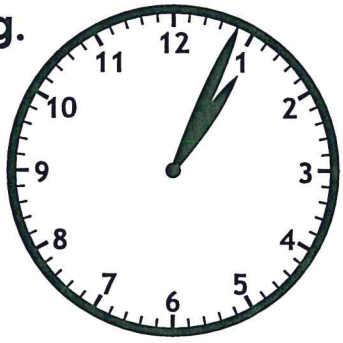
g. 

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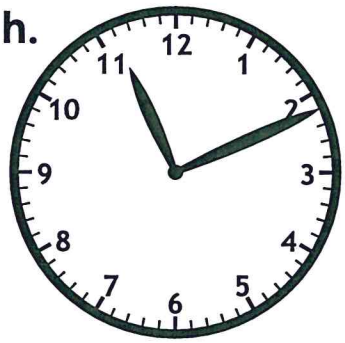
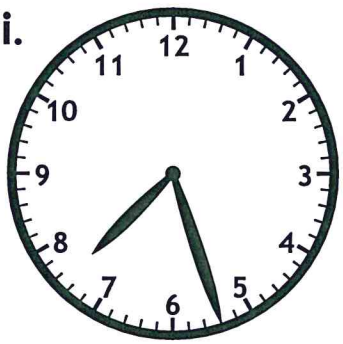
h. 

_____

i. 

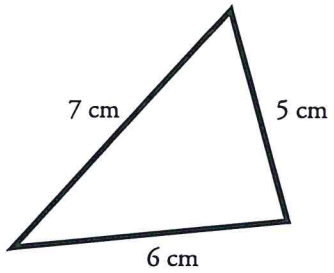
_____

Name: _____

Perimeter of a Polygon

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

a.



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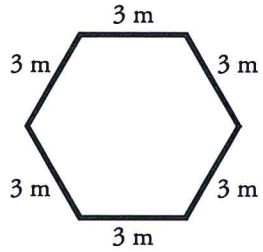
b.



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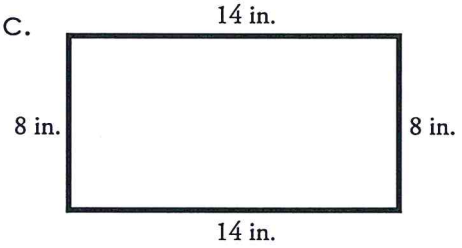
c.



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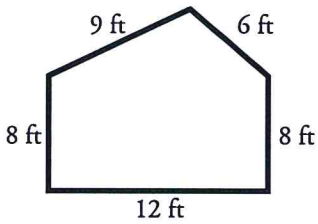
d.



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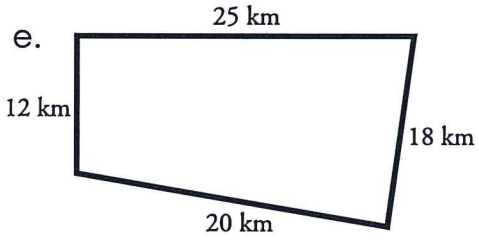
e.



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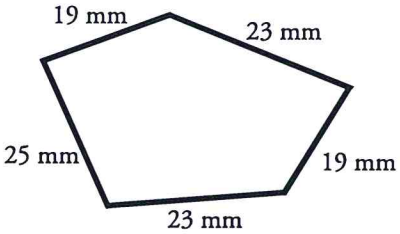
f.



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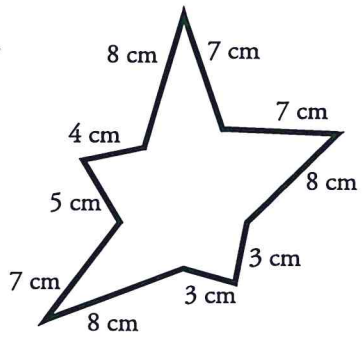
g.



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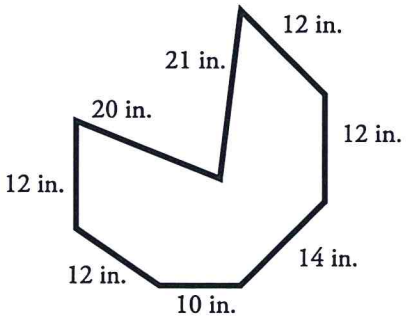
h.



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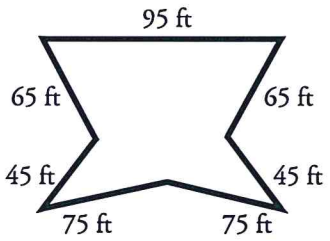
i.

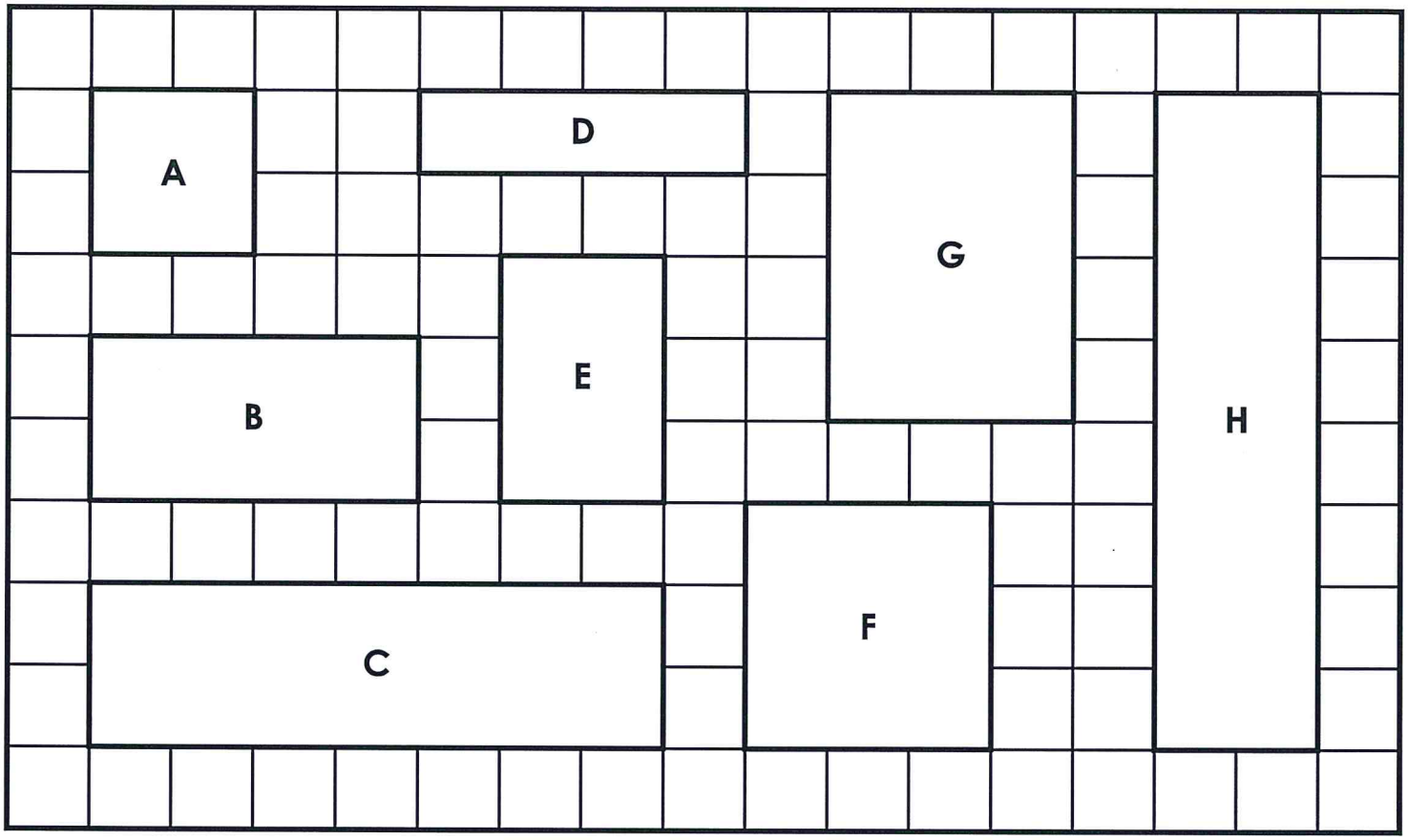


_____

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.

1 2 2
☺ ★ x ★ = 24

b.

♡ x ↑ = _____

c.

◈ x ♡ = _____

d.

☺ ★ x ✳ = _____

e.

☺ ☺ x ▰ = _____

f.

✳ x ↯ = _____

g.

 x ◈ = _____

h.

☺ ★ x ☺ ☺ = _____

i.

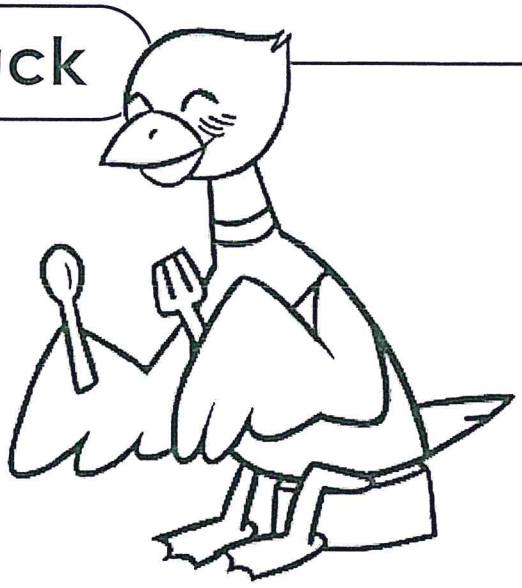
↑ x ↑ = _____

j.

↑ x ☺ ★ = _____

Name: _____ 4-Digit Addition and Subtraction Mix

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] 1,246 + 3,866	[E] 6,407 - 224	[N] 5,435 - 5,095		
[S] 4,876 - 2,938	[E] 8,888 + 413	[S] 263 + 3,236	[A] 7,997 + 7	[C] 9,065 + 299
[E] 3,032 - 502	[D] 5,620 - 1,590	[R] 6,697 + 6,697	[A] 9,465 + 972	[E] 2,846 - 1,464
[K] 2,424 - 1,081	[H] 2,778 + 8,625	[Q] 9 + 6,992	[U] 4,568 - 3,629	

What did the duck eat for lunch?

_____	_____	_____	_____	_____	_____
9,364	11,403	2,530	6,183	3,499	9,301

_____	_____	_____
8,004	340	4,030

_____	_____	_____	_____	_____	_____	_____	_____	.
7,001	939	10,437	5,112	1,343	1,382	13,394	1,938	

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 ÷ 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

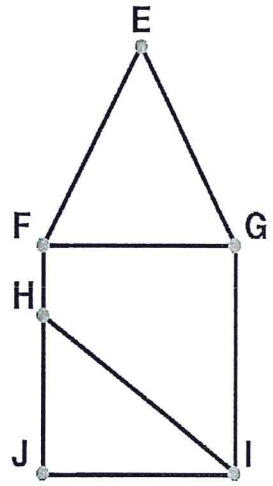
Can you find 20 division facts in this puzzle? Circle each division fact and its answer. Don't forget to add the ÷ and = signs.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

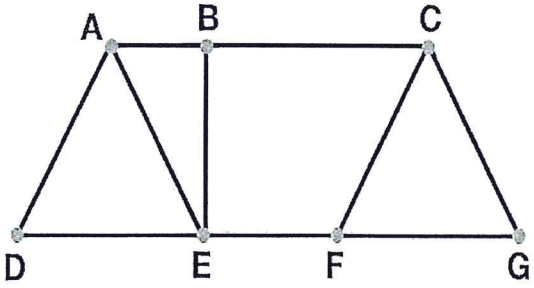
Name: _____

Find the Angles

Acute Angles	Obtuse Angles	Right Angles



Acute Angles	Obtuse Angles	Right Angles



Acute Angles	Obtuse Angles	Right Angles