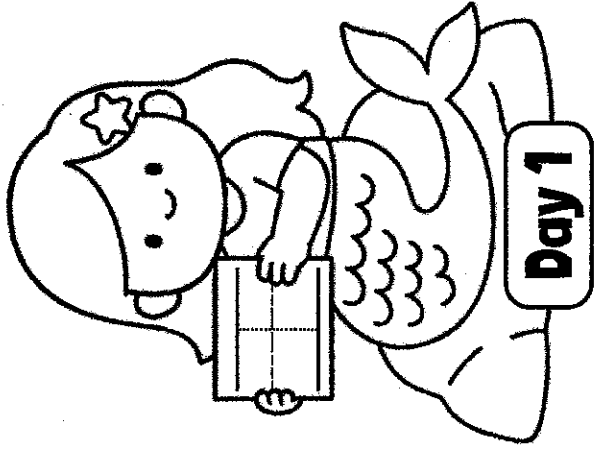


# SUMMER BRAIN BOOSTERS

GRADE 2



Name:



## Math Time

Solve the problems below:

$7 + 5 = \underline{\quad}$        $8 + 9 = \underline{\quad}$

$12 - 6 = \underline{\quad}$        $20 - 3 = \underline{\quad}$

$4 + 2 = \underline{\quad}$        $10 + 8 = \underline{\quad}$

$16 - 4 = \underline{\quad}$        $15 - 6 = \underline{\quad}$

$5 + 13 = \underline{\quad}$        $8 + 12 = \underline{\quad}$

## Grammar Fix-It!

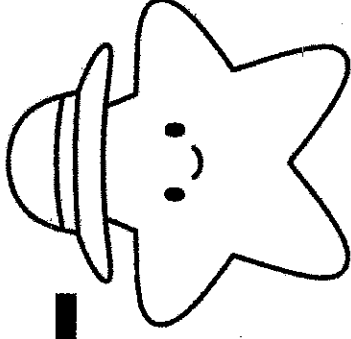
Fix the sentence by using capital letters and correct punctuation:

the fish swims fast.

## Mini Reading & Comprehension

“Sam the starfish lost his hat in the sea.”

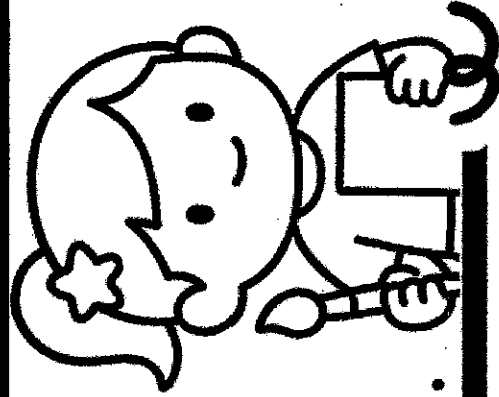
Q: What did Sam lose?



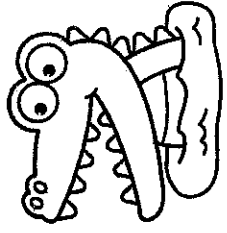
## Fun Science Fact

Did you know? “Octopuses have 3 hearts!”

Draw an octopus doing something silly!



Name: \_\_\_\_\_



# Compare Numbers

Directions: Draw  $>$ ,  $<$ , or  $=$  to make each correct. Use the number line to help.



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

2 ○ 7

13 ○ 13

16 ○ 5

1 ○ 4

8 ○ 18

2 ○ 20

7 ○ 7

19 ○ 8

12 ○ 15

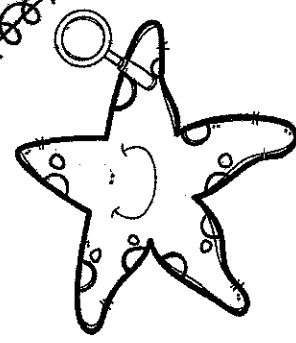
6 ○ 16

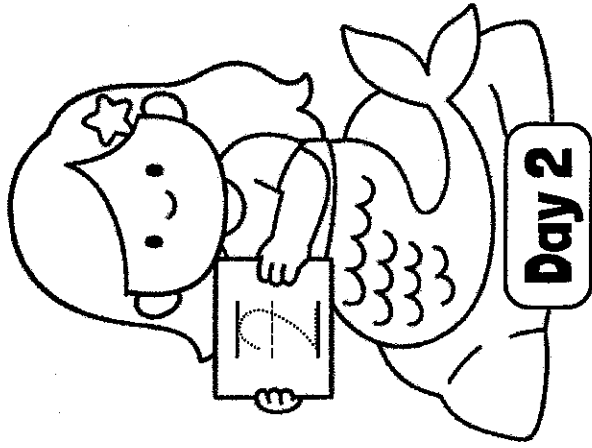
Name: \_\_\_\_\_

# Missing Numbers

Directions: Count up from 1 to 100. Fill in all the missing numbers in the number chart.

1	2				6	7		9	10
11	12	13				17		19	20
	22	23			26		28		30
31		33	34	35			38	39	
	42			45	46	47			50
51						57	58		60
	62	63			66	67			
71			74	75	76				80
81	82					87			90
91				95	96	97			100





## Math Time

Solve the problems below:

$9 + 3 = \underline{\quad}$        $4 + 5 = \underline{\quad}$

$20 - 9 = \underline{\quad}$        $19 - 7 = \underline{\quad}$

$12 + 2 = \underline{\quad}$        $13 + 2 = \underline{\quad}$

$17 - 3 = \underline{\quad}$        $14 - 8 = \underline{\quad}$

$8 + 11 = \underline{\quad}$        $7 + 6 = \underline{\quad}$

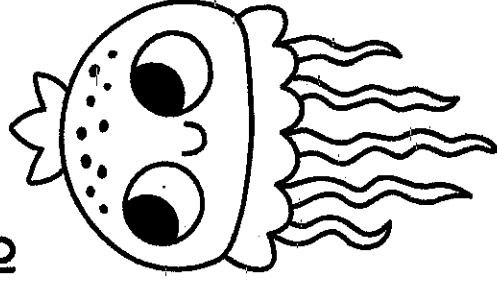
## Grammar Fix-It!

Circle the word that is a name:

fish

coral

Nemo



## Mini Reading & Comprehension

“Mia saw a jellyfish glow in the dark.”

Q: What did Mia see?

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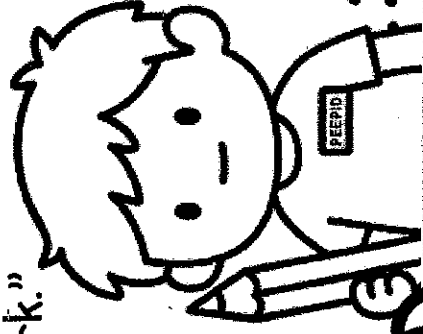
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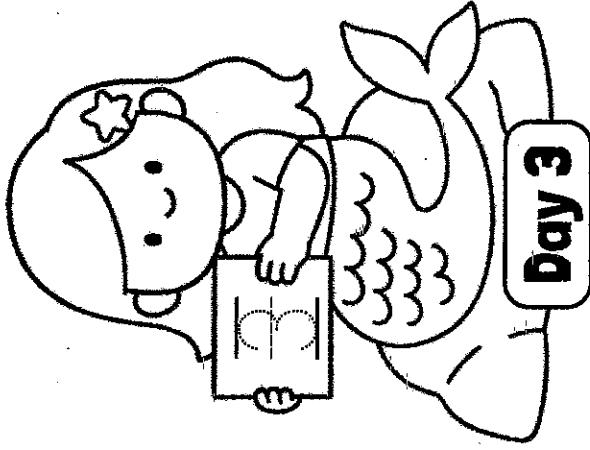
---

## Fun Science Fact

Did you know? “Some jellyfish can glow in the dark.”

Draw and color a glowing jellyfish!





## Math Time

Fill in the missing number:

$$6 + \underline{\quad} = 13 \quad 20 - \underline{\quad} = 10$$

$$\underline{\quad} + 15 = 20 \quad \underline{\quad} - 13 = 4$$

$$10 + \underline{\quad} = 13 \quad 17 - \underline{\quad} = 9$$

$$\underline{\quad} + 8 = 14 \quad \underline{\quad} - 6 = 6$$

$$9 + \underline{\quad} = 17 \quad 15 - \underline{\quad} = 11$$

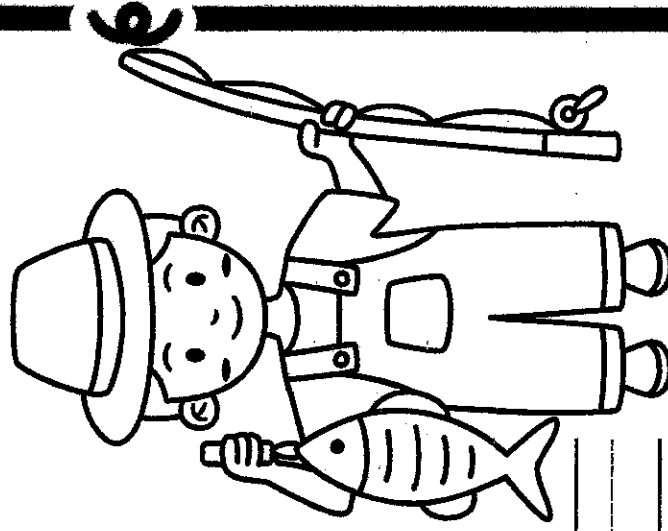
## Grammar Fix-It!

Circle the correct capitalized word:

ocean

shark

Sea

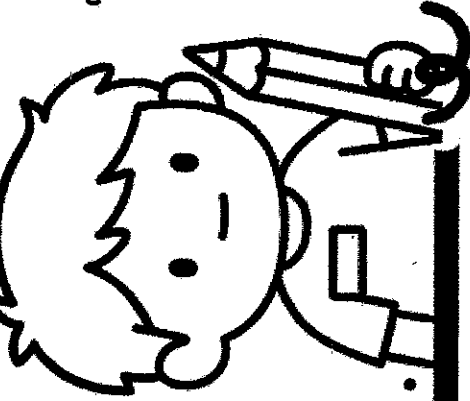


## Mini Reading & Comprehension

“Tom and his dad went fishing.”

Q: Who went fishing with Tom?

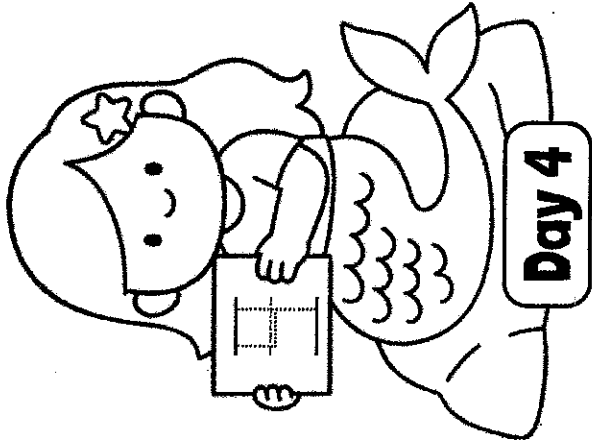
## Fun Science Fact



Did you know?

“Sea turtles can hold their breath for hours.”

Would you like to be a sea turtle? Why?



## Math Time

Circle the bigger number

14 or 17    12 or 13    14 or 10

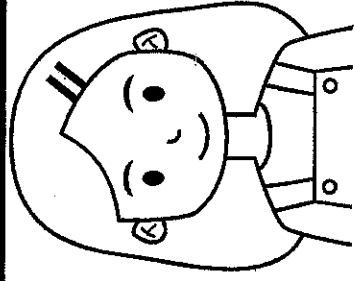
9 or 2    7 or 11    20 or 19

18 or 20    15 or 12    16 or 7

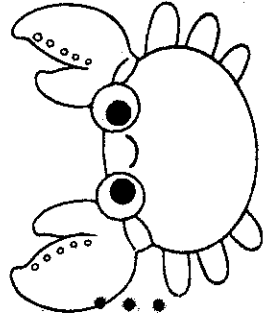
## Grammar Fix-It!

Rewrite with capitals:

"my name is lily."



## Mini Reading & Comprehension



"A crab walked sideways across the sand."

Q: How did the crab move?

---

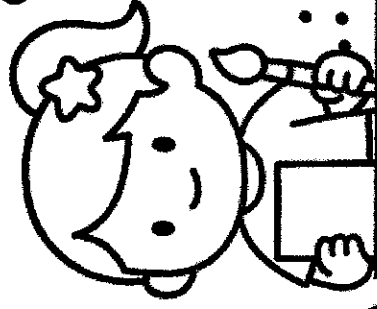
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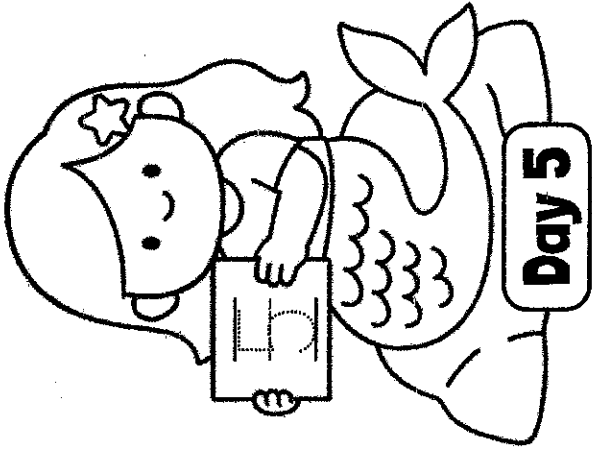
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## Fun Science Fact

Did you know? "Crabs walk sideways and hide under sand."

Draw a crab hiding in the sand.





## Math Time

Add and Subtract:



## Grammar Fix-It!

Which is a proper noun?

fish

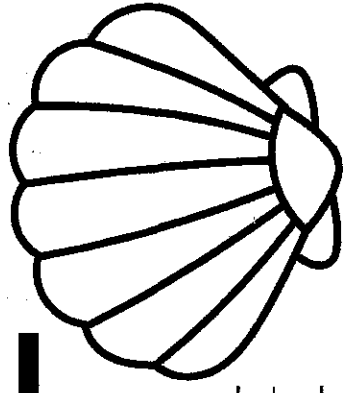
coral

Nemo

## Mini Reading & Comprehension

"Lily found a shiny shell by the shore."

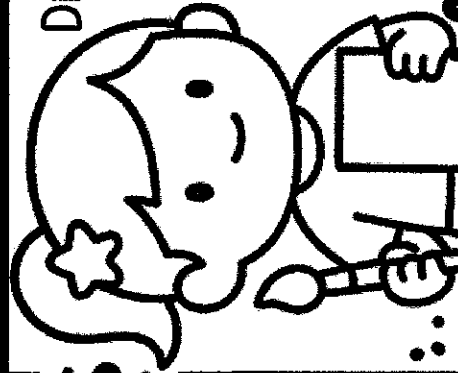
Q: What did Lily find?



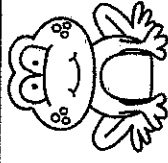
## Fun Science Fact

Did you know? "Shells are homes for sea animals."

Design your own sea shell home.



Name \_\_\_\_\_

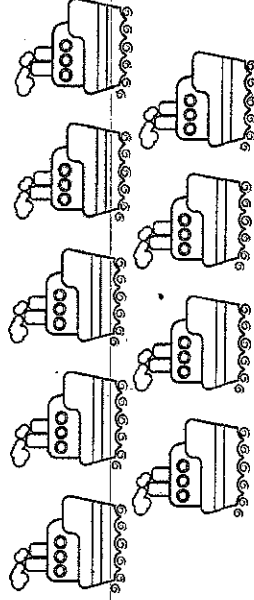
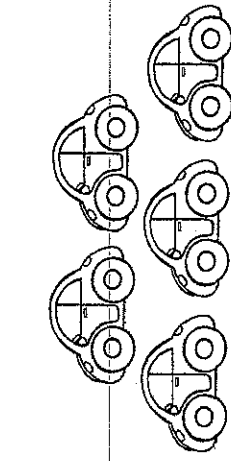


# Addition and Subtraction within 20

Choose the correct answer for each question. Write the number in each of the brackets provided.

1. Neil has 5 toy cars and 9 toy boats.

How many more toy boats than toy cars does Neil have?



(1) 14

(2) 15

(3) 4

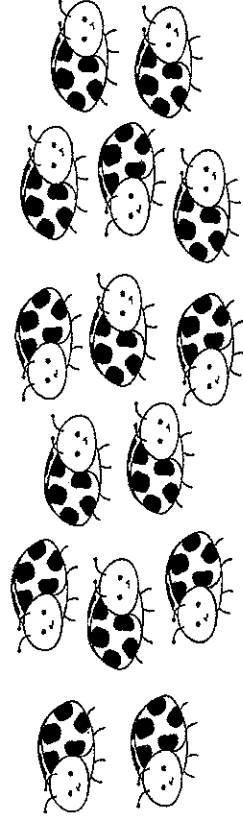
(4) 9

(.....)

2. There are 15 ladybugs.

There are 6 fewer ants than ladybugs.

How many ants are there?



(1) 8

(2) 9

(3) 7

(4) 18

(.....)

3. 5 more than 8 is \_\_\_\_\_

(1) 13

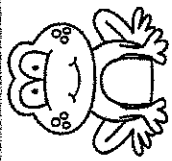
(2) 3

(3) 15

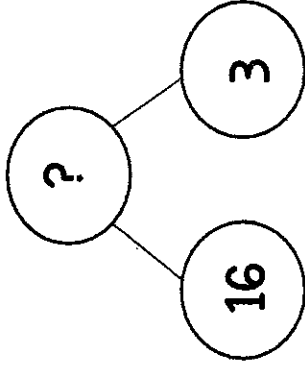
(4) 7

(.....)

Name \_\_\_\_\_



4. What is the missing number?



(1) 20

(2) 13

(3) 17

(4) 19

(.....)

5. 8 less than 20 is \_\_\_\_\_

(1) 12

(2) 14

(3) 15

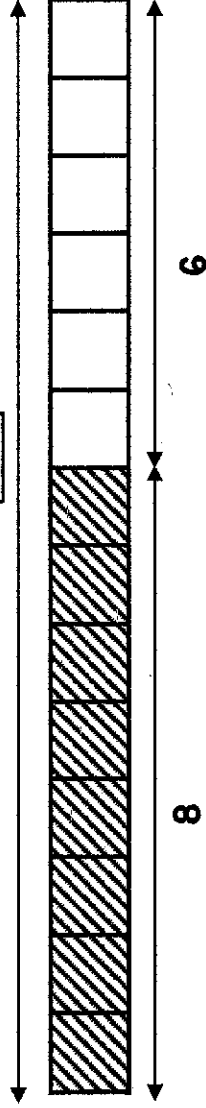
(4) 17

(.....)

**Work out the following questions. Write the correct answers in the space provided.**

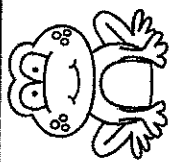
6. Fill in the missing number for each model.  
Then write the addition equation.

(a)

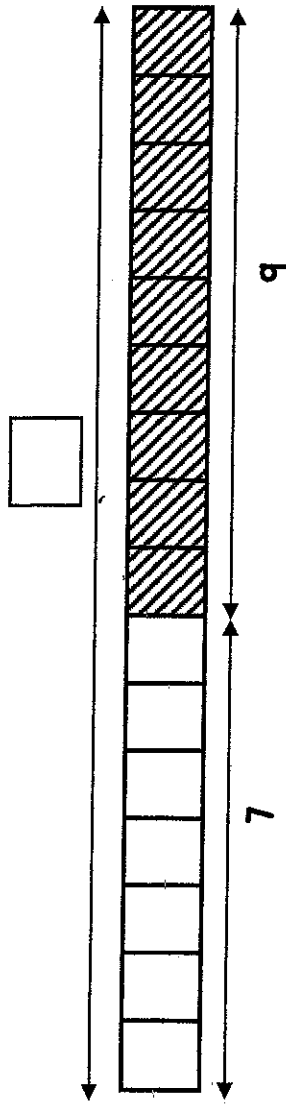


=

Name \_\_\_\_\_



(b)

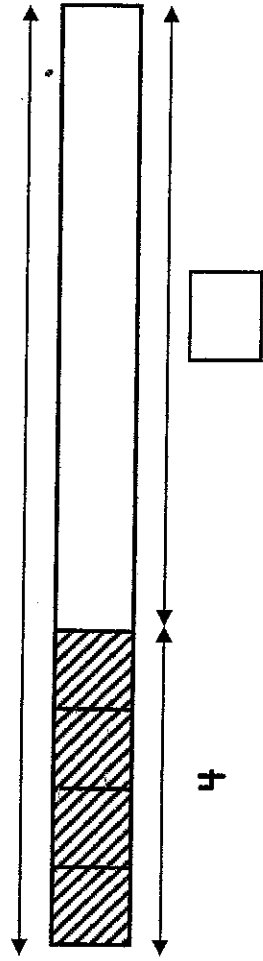


$$\square \bigcirc \square = \square$$

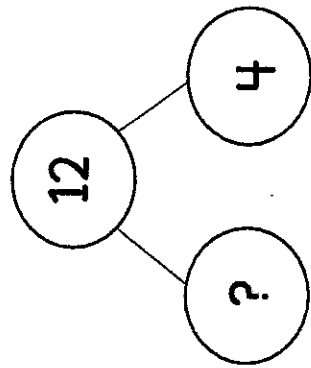
7. Fill in the missing number for each model.  
Then write the subtraction equation.

(a)

12

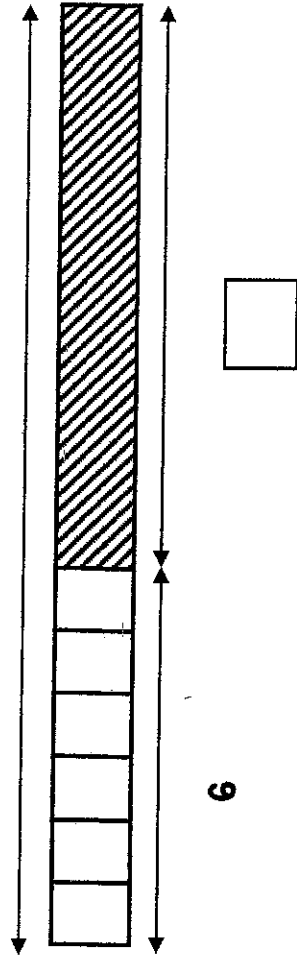


$$\square \bigcirc \square = \square$$

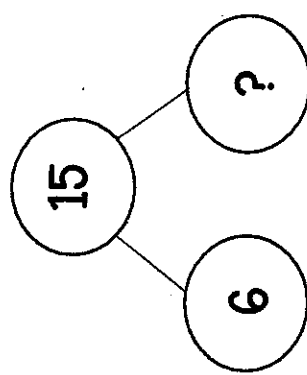


(b)

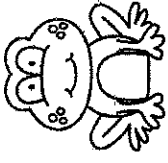
15



$$\square \bigcirc \square = \square$$



Name \_\_\_\_\_



8. Add.

$$(a) 7 + 5 = \underline{\hspace{2cm}} \quad (b) 6 + 9 = \underline{\hspace{2cm}}$$

$$(c) 8 + 4 = \underline{\hspace{2cm}} \quad (d) 10 + 7 = \underline{\hspace{2cm}}$$

9. Fill in the missing addends.

$$(a) 6 + \boxed{\phantom{00}} = 12 \quad (b) \boxed{\phantom{00}} + 5 = 14$$

$$(c) 12 + \boxed{\phantom{00}} = 16 \quad (d) \boxed{\phantom{00}} + 7 = 12$$

10. Subtract.

$$(a) 14 - 3 = \underline{\hspace{2cm}} \quad (b) 11 - 2 = \underline{\hspace{2cm}}$$

$$(c) 17 - 5 = \underline{\hspace{2cm}} \quad (d) 16 - 8 = \underline{\hspace{2cm}}$$

11. Fill in the missing subtrahend.

$$(a) 19 - \boxed{\phantom{00}} = 10 \quad (b) \boxed{\phantom{00}} - 5 = 15$$

$$(c) 12 - \boxed{\phantom{00}} = 5 \quad (d) \boxed{\phantom{00}} - 8 = 6$$

12. Add and subtract.

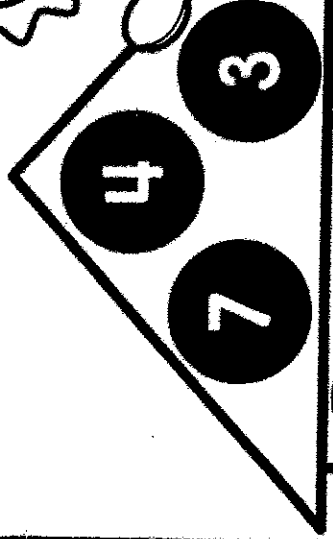
$$(a) 12 \quad (b) 19 \quad (c) 7 \quad (d) 15$$

$$+ 8 \quad - 5 \quad + 6 \quad + 6$$

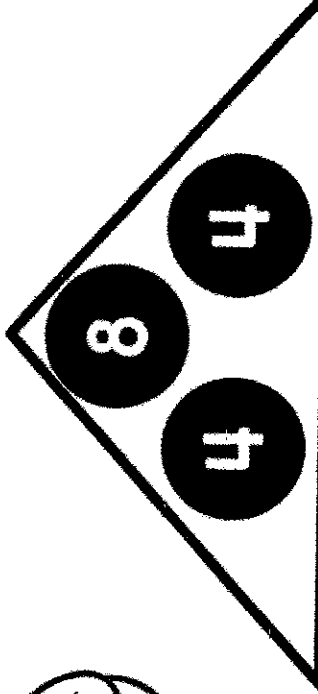
$$\underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}}$$

# Fact Families 7 and 8

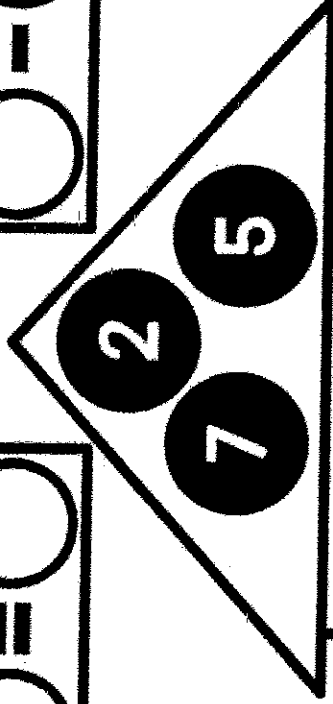
Name \_\_\_\_\_



○	+	○	=	○
○	+	○	=	○
○	-	○	=	○
○	-	○	=	○



○	+	○	=	○
○	+	○	=	○
○	-	○	=	○
○	-	○	=	○



○	+	○	=	○
○	+	○	=	○
○	-	○	=	○
○	-	○	=	○

Directions:  
Find each  
sums and  
differences  
for each  
fact family.

Name \_\_\_\_\_

Find the sums and differences.

$$8 + 3$$

$$5 + 7$$

$$11 - 3$$

$$12 - 9$$

$$4 + 6$$

$$11 - 7$$

$$1 + 8$$

$$7 + 2$$

$$12 - 4$$

$$10 - 5$$

$$9 + 2$$

$$10 - 7$$

$$11 - 2$$

$$5 + 6$$

$$12 - 8$$

$$5 + 5$$

$$9 + 0$$

$$12 - 9$$

$$12 - 3$$

