

Fluency Practice

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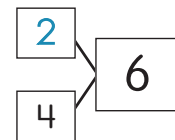
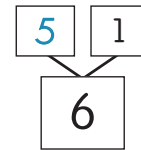
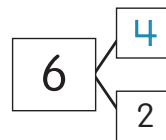
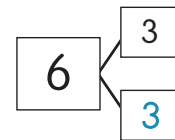
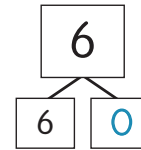
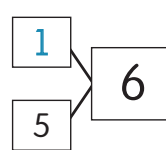
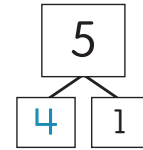
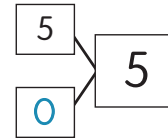
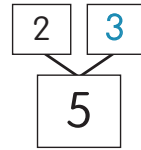
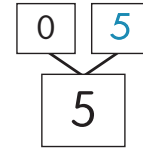
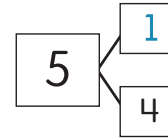
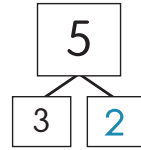
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Number Partners for 5 and 6

Name _____

Complete each number bond.



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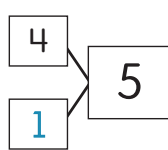
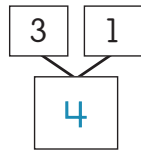
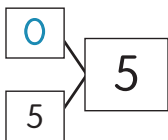
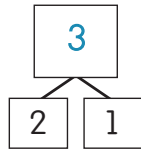
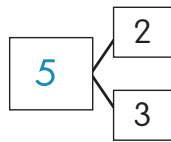
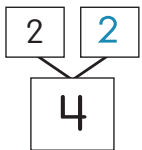
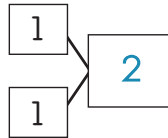
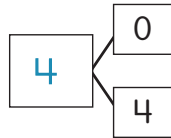
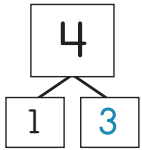
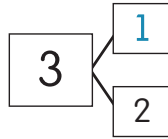
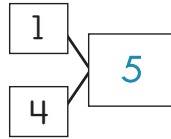
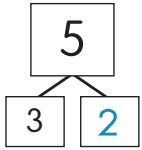
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Number Partners to 5

Name _____

Complete each number bond.



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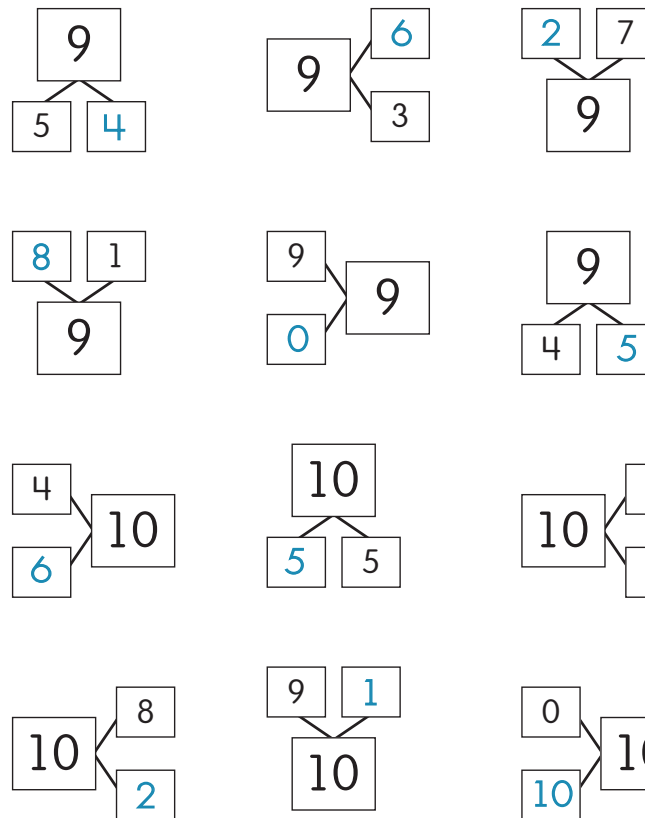
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Number Partners for 9 and 10

Name _____

Complete each number bond.



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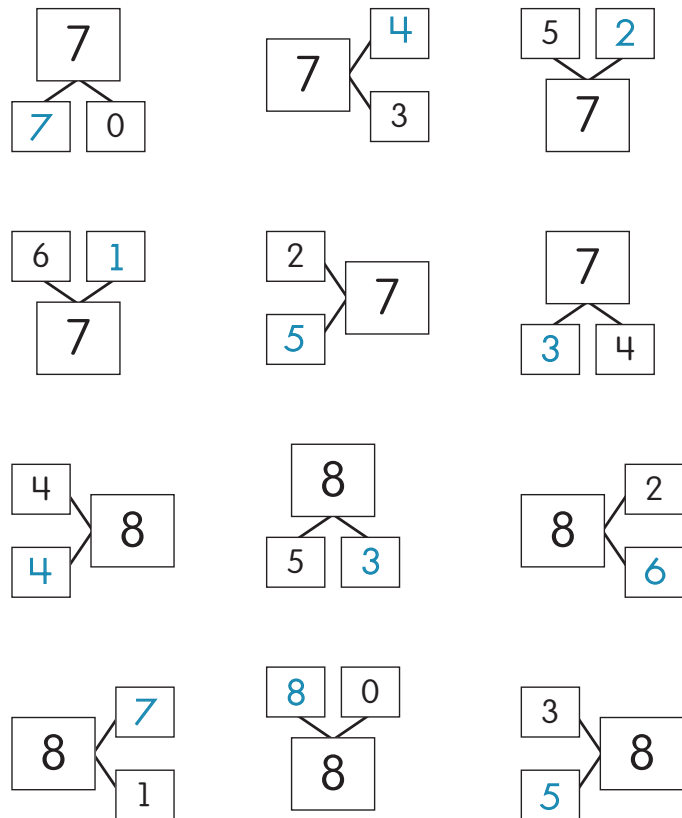
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Number Partners for 7 and 8

Name _____

Complete each number bond.



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Find Number Partner Patterns in Addition—Repeated Reasoning

Name _____

Complete each number sentence.



$1 + \underline{7} = 8 \quad 7 + \underline{1} = 8$



$2 + \underline{6} = 8 \quad 6 + \underline{2} = 8$



$3 + \underline{5} = 8 \quad 5 + \underline{3} = 8$



$4 + \underline{4} = 8$



$1 + \underline{8} = 9 \quad 8 + \underline{1} = 9$



$2 + \underline{7} = 9 \quad 7 + \underline{2} = 9$



$3 + \underline{6} = 9 \quad 6 + \underline{3} = 9$



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

Talk About It

Look at the number sentences in each group.

How does the first number change?

How does the second number change?

What happens to the total?

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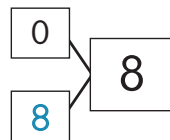
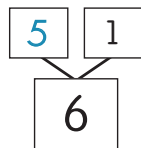
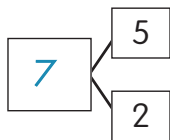
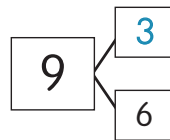
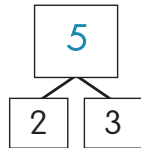
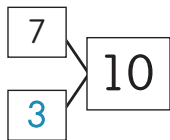
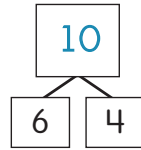
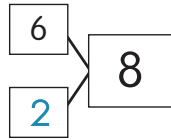
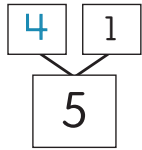
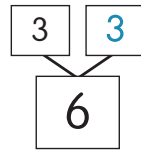
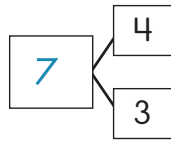
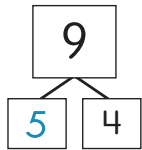
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Number Partners Within 10

Name _____

Complete each number bond.



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Find Number Partner Patterns in Subtraction—Repeated Reasoning

Name _____

Complete each number sentence.



$6 - 1 = \underline{5} \quad 6 - 5 = \underline{1}$



$6 - 2 = \underline{4} \quad 6 - 4 = \underline{2}$



$6 - 3 = \underline{3}$



$7 - 1 = \underline{6} \quad 7 - 6 = \underline{1}$



$7 - 2 = \underline{5} \quad 7 - 5 = \underline{2}$



$7 - 3 = \underline{4} \quad 7 - 4 = \underline{3}$

Talk About It

Look at the number sentences in each group.

How does the number being subtracted change?

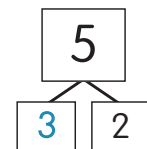
How does the number you get change?

Find Sums to 5

Name _____

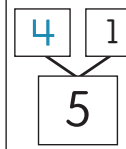
Complete each number bond.

Write two addition sentences.



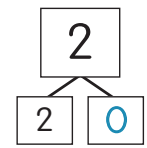
$\underline{3} + \underline{2} = \underline{5}$

$\underline{2} + \underline{3} = \underline{5}$



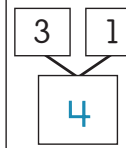
$\underline{4} + \underline{1} = \underline{5}$

$\underline{1} + \underline{4} = \underline{5}$



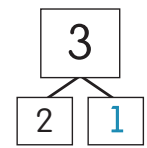
$\underline{2} = \underline{2} + \underline{0}$

$\underline{2} = \underline{0} + \underline{2}$



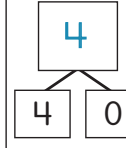
$\underline{3} + \underline{1} = \underline{4}$

$\underline{1} + \underline{3} = \underline{4}$



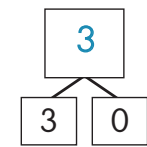
$\underline{3} = \underline{1} + \underline{2}$

$\underline{3} = \underline{2} + \underline{1}$



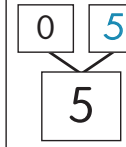
$\underline{4} = \underline{4} + \underline{0}$

$\underline{4} = \underline{0} + \underline{4}$



$\underline{3} = \underline{3} + \underline{0}$

$\underline{3} = \underline{0} + \underline{3}$



$\underline{0} + \underline{5} = \underline{5}$

$\underline{5} + \underline{0} = \underline{5}$



Find Sums of 8 and 9

Name _____

Complete each number bond.
Write two addition sentences.

$\begin{array}{c} 8 \\ \swarrow \searrow \\ 7 \quad 1 \end{array}$ $7 + 1 = 8$ $1 + 7 = 8$	$\begin{array}{c} 5 \quad 4 \\ \swarrow \searrow \\ 9 \end{array}$ $4 + 5 = 9$ $5 + 4 = 9$
$\begin{array}{c} 7 \quad 2 \\ \swarrow \searrow \\ 9 \end{array}$ $9 = 7 + 2$ $9 = 2 + 7$	$\begin{array}{c} 9 \\ \swarrow \searrow \\ 6 \quad 3 \end{array}$ $6 + 3 = 9$ $3 + 6 = 9$
$\begin{array}{c} 8 \\ \swarrow \searrow \\ 5 \quad 3 \end{array}$ $8 = 3 + 5$ $8 = 5 + 3$	$\begin{array}{c} 8 \\ \swarrow \searrow \\ 2 \quad 6 \end{array}$ $8 = 2 + 6$ $8 = 6 + 2$
$\begin{array}{c} 8 \\ \swarrow \searrow \\ 8 \quad 0 \end{array}$ $8 = 0 + 8$ $8 = 8 + 0$	$\begin{array}{c} 1 \quad 8 \\ \swarrow \searrow \\ 9 \end{array}$ $1 + 8 = 9$ $8 + 1 = 9$

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Find Sums of 6 and 7

Name _____

Complete each number bond.
Write two addition sentences.

$\begin{array}{c} 6 \\ \swarrow \searrow \\ 2 \quad 4 \end{array}$ $2 + 4 = 6$ $4 + 2 = 6$	$\begin{array}{c} 6 \\ \swarrow \searrow \\ 1 \quad 5 \end{array}$ $1 + 5 = 6$ $5 + 1 = 6$
$\begin{array}{c} 0 \quad 7 \\ \swarrow \searrow \\ 7 \end{array}$ $7 = 0 + 7$ $7 = 7 + 0$	$\begin{array}{c} 0 \quad 6 \\ \swarrow \searrow \\ 6 \end{array}$ $6 = 0 + 6$ $6 = 6 + 0$
$\begin{array}{c} 7 \\ \swarrow \searrow \\ 4 \quad 3 \end{array}$ $3 + 4 = 7$ $4 + 3 = 7$	$\begin{array}{c} 7 \\ \swarrow \searrow \\ 2 \quad 5 \end{array}$ $7 = 2 + 5$ $7 = 5 + 2$
$\begin{array}{c} 7 \\ \swarrow \searrow \\ 6 \quad 1 \end{array}$ $7 = 1 + 6$ $7 = 6 + 1$	$\begin{array}{c} 2 \quad 4 \\ \swarrow \searrow \\ 6 \end{array}$ $2 + 4 = 6$ $4 + 2 = 6$

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Find Sums of 10

Name _____

Complete each number bond.

Write one or two addition sentences.

10	$10 = 1 + 9$
1 9	$10 = 9 + 1$

6 4	$10 = 6 + 4$
10	$10 = 4 + 6$

10	$10 + 0 = 10$
10 0	$0 + 10 = 10$

8 2	$10 = 2 + 8$
10	$10 = 8 + 2$

10	$3 + 7 = 10$
7 3	$7 + 3 = 10$

10	$5 + 5 = 10$
5 5	

Find Sums Within 10

Name _____

Complete each number sentence.

1 $1 + 8 = 9$ 2 $3 = 3 + 0$ 3 $4 + 3 = 7$

4 $2 + 5 = 7$ 5 $0 + 4 = 4$ 6 $6 + 2 = 8$

7 $6 = 6 + 0$ 8 $5 + 4 = 9$ 9 $3 = 2 + 1$

10 $0 + 1 = 1$ 11 $7 = 1 + 6$ 12 $10 = 5 + 5$

13 $7 + 1 = 8$ 14 $2 + 0 = 2$ 15 $1 + 1 = 2$

16 $5 = 4 + 1$ 17 $10 = 0 + 10$ 18 $2 + 3 = 5$

19 $6 = 3 + 3$ 20 $1 + 3 = 4$ 21 $8 = 5 + 3$

22 $4 + 6 = 10$ 23 $9 = 3 + 6$ 24 $4 + 2 = 6$

Find Patterns with Sums to 10—Repeated Reasoning

Name _____

Complete each number sentence.

Look for patterns.

$0 + 0 = \underline{0}$	$1 + 0 = \underline{1}$	$2 + 1 = \underline{3}$
$0 + 1 = \underline{1}$	$1 + 1 = \underline{2}$	$2 + 2 = \underline{4}$
$3 + 2 = \underline{5}$	$1 + 2 = \underline{3}$	$2 + 3 = \underline{5}$
$3 + 3 = \underline{6}$	$4 + 3 = \underline{7}$	$5 + 4 = \underline{9}$
$3 + 4 = \underline{7}$	$4 + 4 = \underline{8}$	$5 + 5 = \underline{10}$
	$4 + 5 = \underline{9}$	$5 + 6 = \underline{11}$

Talk About It

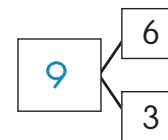
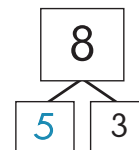
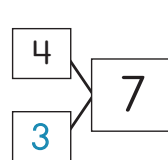
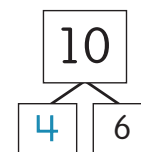
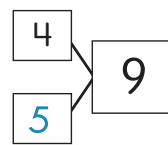
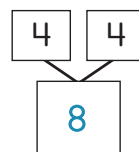
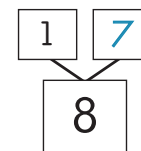
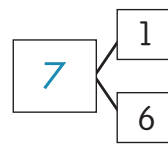
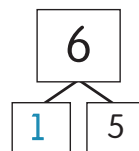
How can you use the total of $4 + 4$ to find $4 + 5$?

How can you use the total of $4 + 4$ to find $4 + 3$?

Find Patterns in Number Partners—Repeated Reasoning

Name _____

Complete each number bond.



Talk About It

How do the numbers you add change across each row?

How do the totals change across each row?

Subtract Within 5

Name _____

Complete each number bond.

Write one or two subtraction sentences.

$$\begin{array}{c} 5 \\ \swarrow \searrow \\ 3 \quad 2 \end{array} \quad \begin{array}{l} 5 - 2 = 3 \\ 5 - 3 = 2 \end{array}$$

$$\begin{array}{c} 4 \quad 1 \\ \swarrow \searrow \\ 5 \end{array} \quad \begin{array}{l} 4 = 5 - 1 \\ 1 = 5 - 4 \end{array}$$

$$\begin{array}{c} 3 \quad 1 \\ \swarrow \searrow \\ 4 \end{array} \quad \begin{array}{l} 1 = 4 - 3 \\ 3 = 4 - 1 \end{array}$$

$$\begin{array}{c} 2 \quad 0 \\ \swarrow \searrow \\ 2 \end{array} \quad \begin{array}{l} 2 = 2 - 0 \\ 0 = 2 - 2 \end{array}$$

$$\begin{array}{c} 3 \\ \swarrow \searrow \\ 2 \quad 1 \end{array} \quad \begin{array}{l} 3 - 1 = 2 \\ 3 - 2 = 1 \end{array}$$

$$\begin{array}{c} 0 \quad 4 \\ \swarrow \searrow \\ 4 \end{array} \quad \begin{array}{l} 4 - 0 = 4 \\ 4 - 4 = 0 \end{array}$$

$$\begin{array}{c} 5 \\ \swarrow \searrow \\ 0 \quad 5 \end{array} \quad \begin{array}{l} 5 - 0 = 5 \\ 5 - 5 = 0 \end{array}$$

$$\begin{array}{c} 1 \quad 1 \\ \swarrow \searrow \\ 2 \end{array} \quad \begin{array}{l} 1 = 2 - 1 \end{array}$$

Subtract from 6 and 7

Name _____

Complete each number bond.

Write one or two subtraction sentences.

$$\begin{array}{c} 6 \\ \swarrow \searrow \\ 3 \quad 3 \end{array} \quad \begin{array}{l} 3 = 6 - 3 \end{array}$$

$$\begin{array}{c} 7 \\ \swarrow \searrow \\ 6 \quad 1 \end{array} \quad \begin{array}{l} 1 = 7 - 6 \\ 6 = 7 - 1 \end{array}$$

$$\begin{array}{c} 6 \\ \swarrow \searrow \\ 2 \quad 4 \end{array} \quad \begin{array}{l} 6 - 2 = 4 \\ 6 - 4 = 2 \end{array}$$

$$\begin{array}{c} 5 \quad 1 \\ \swarrow \searrow \\ 6 \end{array} \quad \begin{array}{l} 1 = 6 - 5 \\ 5 = 6 - 1 \end{array}$$

$$\begin{array}{c} 7 \\ \swarrow \searrow \\ 3 \quad 4 \end{array} \quad \begin{array}{l} 7 - 4 = 3 \\ 7 - 3 = 4 \end{array}$$

$$\begin{array}{c} 7 \\ \swarrow \searrow \\ 2 \quad 5 \end{array} \quad \begin{array}{l} 7 - 2 = 5 \\ 7 - 5 = 2 \end{array}$$

$$\begin{array}{c} 6 \\ \swarrow \searrow \\ 0 \quad 6 \end{array} \quad \begin{array}{l} 6 - 0 = 6 \\ 6 - 6 = 0 \end{array}$$

$$\begin{array}{c} 7 \quad 0 \\ \swarrow \searrow \\ 7 \end{array} \quad \begin{array}{l} 7 = 7 - 0 \\ 0 = 7 - 7 \end{array}$$





Subtract from 10

Name _____

Complete each number bond.

Write one or two subtraction sentences.

$\begin{array}{c} \boxed{10} \\ \swarrow \quad \searrow \\ \boxed{2} \quad \boxed{8} \end{array}$ $10 - 2 = 8$ $10 - 8 = 2$	$\begin{array}{c} \boxed{10} \\ \swarrow \quad \searrow \\ \boxed{5} \quad \boxed{5} \end{array}$ $5 = 10 - 5$
--	--

$\begin{array}{c} \boxed{9} \quad \boxed{1} \\ \swarrow \quad \searrow \\ \boxed{10} \end{array}$ $1 = 10 - 9$ $9 = 10 - 1$	$\begin{array}{c} \boxed{7} \quad \boxed{3} \\ \swarrow \quad \searrow \\ \boxed{10} \end{array}$ $3 = 10 - 7$ $7 = 10 - 3$
--	--

$\begin{array}{c} \boxed{10} \\ \swarrow \quad \searrow \\ \boxed{6} \quad \boxed{4} \end{array}$ $10 - 4 = 6$ $10 - 6 = 4$	$\begin{array}{c} \boxed{10} \\ \swarrow \quad \searrow \\ \boxed{10} \quad \boxed{0} \end{array}$ $10 - 10 = 0$ $10 - 0 = 10$
--	---

Subtract from 8 and 9

Name _____

Complete each number bond.

Write two subtraction sentences.

$\begin{array}{c} \boxed{8} \\ \swarrow \quad \searrow \\ \boxed{5} \quad \boxed{3} \end{array}$ $8 - 5 = 3$ $8 - 3 = 5$	$\begin{array}{c} \boxed{8} \\ \swarrow \quad \searrow \\ \boxed{1} \quad \boxed{7} \end{array}$ $8 - 1 = 7$ $8 - 7 = 1$
---	---

$\begin{array}{c} \boxed{2} \quad \boxed{7} \\ \swarrow \quad \searrow \\ \boxed{9} \end{array}$ $7 = 9 - 2$ $2 = 9 - 7$	$\begin{array}{c} \boxed{8} \\ \swarrow \quad \searrow \\ \boxed{6} \quad \boxed{2} \end{array}$ $2 = 8 - 6$ $6 = 8 - 2$
---	---

$\begin{array}{c} \boxed{9} \\ \swarrow \quad \searrow \\ \boxed{5} \quad \boxed{4} \end{array}$ $9 - 4 = 5$ $9 - 5 = 4$	$\begin{array}{c} \boxed{9} \\ \swarrow \quad \searrow \\ \boxed{6} \quad \boxed{3} \end{array}$ $3 = 9 - 6$ $6 = 9 - 3$
---	---

$\begin{array}{c} \boxed{8} \\ \swarrow \quad \searrow \\ \boxed{0} \quad \boxed{8} \end{array}$ $8 - 0 = 8$ $8 - 8 = 0$	$\begin{array}{c} \boxed{8} \quad \boxed{1} \\ \swarrow \quad \searrow \\ \boxed{9} \end{array}$ $8 = 9 - 1$ $1 = 9 - 8$
---	---

Subtract Within 10

Name _____

Complete each number sentence.

1 $10 - 8 = 2$ 2 $3 = 4 - 1$ 3 $7 = 10 - 3$

4 $7 - 5 = 2$ 5 $8 - 5 = 3$ 6 $6 = 8 - 2$

7 $6 = 6 - 0$ 8 $5 - 4 = 1$ 9 $4 - 3 = 1$

10 $6 - 3 = 3$ 11 $2 = 3 - 1$ 12 $9 - 5 = 4$

13 $2 = 9 - 7$ 14 $7 - 3 = 4$ 15 $7 - 1 = 6$

16 $5 = 6 - 1$ 17 $10 = 10 - 0$ 18 $10 - 5 = 5$

19 $0 = 8 - 8$ 20 $9 - 3 = 6$ 21 $9 = 10 - 1$

22 $5 - 2 = 3$ 23 $2 = 4 - 2$ 24 $2 = 2 - 0$

Find Patterns When Subtracting from 10—Repeated Reasoning

Name _____

Subtract.

1 $10 - 1 = 9$ $9 - 1 = 8$

2 $10 - 2 = 8$ $9 - 2 = 7$

3 $10 - 3 = 7$ $9 - 3 = 6$

4 $10 - 4 = 6$ $9 - 4 = 5$

5 $10 - 5 = 5$ $9 - 5 = 4$

6 $10 - 6 = 4$ $9 - 6 = 3$

Talk About It

Look at the numbers being subtracted from 10. Then look at the numbers being subtracted from 9.

How does the number being subtracted change?

Now look at the number sentences in each row.

What is the same? What is different?





Facts to 5

Name _____

Write one addition fact and one subtraction fact for each number bond. *Answers may vary.*

5	
3	2

$$\underline{3} + \underline{2} = \underline{5}$$
$$\underline{5} - \underline{3} = \underline{2}$$

4	
1	3

$$\underline{3} + \underline{1} = \underline{4}$$
$$\underline{4} - \underline{3} = \underline{1}$$

3	
3	0

$$\underline{3} + \underline{0} = \underline{3}$$
$$\underline{3} - \underline{3} = \underline{0}$$

2	
0	2

$$\underline{0} + \underline{2} = \underline{2}$$
$$\underline{2} - \underline{2} = \underline{0}$$

4	1
5	

$$\underline{4} + \underline{1} = \underline{5}$$
$$\underline{5} - \underline{1} = \underline{4}$$

1	2
3	

$$\underline{1} + \underline{2} = \underline{3}$$
$$\underline{3} - \underline{1} = \underline{2}$$

2	2
4	

$$\underline{2} + \underline{2} = \underline{4}$$
$$\underline{4} - \underline{2} = \underline{2}$$

5	0
5	

$$\underline{5} + \underline{0} = \underline{5}$$
$$\underline{5} - \underline{0} = \underline{5}$$

Find Patterns with Differences of 2—Repeated Reasoning

Name _____

Subtract.

1 $10 - 8 = \underline{2}$

2 $9 - 7 = \underline{2}$

3 $8 - 6 = \underline{2}$

4 $7 - 5 = \underline{2}$

5 $6 - 4 = \underline{2}$

6 $5 - 3 = \underline{2}$

7 $4 - 2 = \underline{2}$

8 $3 - 1 = \underline{2}$

9 $2 - 0 = \underline{2}$

Talk About It

Look at problems 1–9 in order.

How does the first number change in each problem?

How does the second number change?

What do you notice about each difference?



Facts for 8 and 9

Name _____

Write one addition fact and one subtraction fact for each number bond. *Answers may vary.*

$\begin{array}{c} 8 \\ \swarrow \searrow \\ 6 \quad 2 \end{array}$ $\begin{array}{l} 6 + 2 = 8 \\ 8 - 6 = 2 \end{array}$	$\begin{array}{c} 9 \\ \swarrow \searrow \\ 4 \quad 5 \end{array}$ $\begin{array}{l} 5 + 4 = 9 \\ 9 - 5 = 4 \end{array}$
$\begin{array}{c} 9 \\ \swarrow \searrow \\ 3 \quad 6 \end{array}$ $\begin{array}{l} 3 + 6 = 9 \\ 9 - 3 = 6 \end{array}$	$\begin{array}{c} 8 \\ \swarrow \searrow \\ 5 \quad 3 \end{array}$ $\begin{array}{l} 5 + 3 = 8 \\ 8 - 3 = 5 \end{array}$
$\begin{array}{c} 1 \quad 7 \\ \swarrow \searrow \\ 8 \end{array}$ $\begin{array}{l} 7 + 1 = 8 \\ 8 - 1 = 7 \end{array}$	$\begin{array}{c} 2 \quad 7 \\ \swarrow \searrow \\ 9 \end{array}$ $\begin{array}{l} 7 + 2 = 9 \\ 9 - 2 = 7 \end{array}$
$\begin{array}{c} 1 \quad 8 \\ \swarrow \searrow \\ 9 \end{array}$ $\begin{array}{l} 8 + 1 = 9 \\ 9 - 1 = 8 \end{array}$	$\begin{array}{c} 0 \quad 8 \\ \swarrow \searrow \\ 8 \end{array}$ $\begin{array}{l} 8 + 0 = 8 \\ 8 - 0 = 8 \end{array}$

Facts for 6 and 7

Name _____

Write one addition fact and one subtraction fact for each number bond. *Answers may vary.*

$\begin{array}{c} 6 \\ \swarrow \searrow \\ 4 \quad 2 \end{array}$ $\begin{array}{l} 4 + 2 = 6 \\ 6 - 4 = 2 \end{array}$	$\begin{array}{c} 6 \\ \swarrow \searrow \\ 1 \quad 5 \end{array}$ $\begin{array}{l} 5 + 1 = 6 \\ 6 - 5 = 1 \end{array}$
$\begin{array}{c} 7 \\ \swarrow \searrow \\ 0 \quad 7 \end{array}$ $\begin{array}{l} 7 + 0 = 7 \\ 7 - 7 = 0 \end{array}$	$\begin{array}{c} 7 \\ \swarrow \searrow \\ 5 \quad 2 \end{array}$ $\begin{array}{l} 5 + 2 = 7 \\ 7 - 2 = 5 \end{array}$
$\begin{array}{c} 3 \quad 3 \\ \swarrow \searrow \\ 6 \end{array}$ $\begin{array}{l} 3 + 3 = 6 \\ 6 - 3 = 3 \end{array}$	$\begin{array}{c} 4 \quad 3 \\ \swarrow \searrow \\ 7 \end{array}$ $\begin{array}{l} 4 + 3 = 7 \\ 7 - 4 = 3 \end{array}$
$\begin{array}{c} 1 \quad 6 \\ \swarrow \searrow \\ 7 \end{array}$ $\begin{array}{l} 1 + 6 = 7 \\ 7 - 1 = 6 \end{array}$	$\begin{array}{c} 6 \quad 0 \\ \swarrow \searrow \\ 6 \end{array}$ $\begin{array}{l} 6 + 0 = 6 \\ 6 - 0 = 6 \end{array}$



Facts Within 10

Name _____

Write one addition fact and one subtraction fact for each number bond. *Answers may vary.*

7	$3 + 4 = 7$
3 4	$7 - 4 = 3$

2	$1 + 1 = 2$
1 1	$2 - 1 = 1$

4	$4 + 0 = 4$
4 0	$4 - 4 = 0$

6	$2 + 4 = 6$
2 4	$6 - 4 = 2$

9 1	$1 + 9 = 10$
10	$10 - 9 = 1$

4 4	$4 + 4 = 8$
8	$8 - 4 = 4$

0 9	$0 + 9 = 9$
9	$9 - 0 = 9$

2 3	$2 + 3 = 5$
5	$5 - 3 = 2$

Facts for 10

Name _____

Write one addition fact and one subtraction fact for each number bond. *Answers may vary.*

10	$8 + 2 = 10$
8 2	$10 - 8 = 2$

10	$6 + 4 = 10$
4 6	$10 - 6 = 4$

10	$3 + 7 = 10$
3 7	$10 - 3 = 7$

10	$5 + 5 = 10$
5 5	$10 - 5 = 5$

1 9	$9 + 1 = 10$
10	$10 - 1 = 9$

2 8	$2 + 8 = 10$
10	$10 - 2 = 8$

0 10	$10 + 0 = 10$
10	$10 - 0 = 10$

6 4	$4 + 6 = 10$
10	$10 - 4 = 6$

Find Patterns in Addition
Facts—Repeated Reasoning

Name _____

Red: the first row and first column;
Blue: the second row and second
column; Green: last box in all rows

- Write the missing totals.
- Color all the boxes with an addend of 1 red.
- Color all the boxes with an addend of 2 blue.
- Color all the boxes with a sum of 10 green.

1+1 2	1+2 3	1+3 4	1+4 5	1+5 6	1+6 7	1+7 8	1+8 9	1+9 10
2+1 3	2+2 4	2+3 5	2+4 6	2+5 7	2+6 8	2+7 9	2+8 10	
3+1 4	3+2 5	3+3 6	3+4 7	3+5 8	3+6 9	3+7 10		
4+1 5	4+2 6	4+3 7	4+4 8	4+5 9	4+6 10			
5+1 6	5+2 7	5+3 8	5+4 9	5+5 10				
6+1 7	6+2 8	6+3 9	6+4 10					
7+1 8	7+2 9	7+3 10						
8+1 9	8+2 10							
9+1 10								

Talk About It

How are all the facts in a row alike? How are they different?
What do you notice about the totals in each row?

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Fluency Practice

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Find Patterns in Subtraction
Facts—Repeated Reasoning

Name _____

Complete each number sentence.

Subtraction Facts for 7	Subtraction Facts for 8	Subtraction Facts for 9	Subtraction Facts for 10
$7 - 0 = \underline{7}$	$8 - 0 = \underline{8}$	$\underline{9} - 0 = 9$	$10 - 0 = \underline{10}$
$7 - 1 = \underline{6}$	$8 - \underline{1} = 7$	$9 - 1 = \underline{8}$	$\underline{10} - 1 = 9$
$7 - 2 = \underline{5}$	$8 - \underline{2} = 6$	$9 - 2 = \underline{7}$	$\underline{10} - 2 = 8$
$7 - \underline{3} = 4$	$\underline{8} - 3 = 5$	$9 - \underline{3} = 6$	$10 - 3 = \underline{7}$
$7 - \underline{4} = 3$	$\underline{8} - 4 = 4$	$9 - 4 = \underline{5}$	$10 - \underline{4} = 6$
$7 - 5 = \underline{2}$	$8 - 5 = \underline{3}$	$\underline{9} - 5 = 4$	$10 - \underline{5} = 5$
$\underline{7} - 6 = 1$	$8 - 6 = \underline{2}$	$\underline{9} - 6 = 3$	$10 - \underline{6} = 4$
$7 - 7 = \underline{0}$	$8 - \underline{7} = 1$	$9 - \underline{7} = 2$	$\underline{10} - 7 = 3$
	$8 - 8 = \underline{0}$	$9 - \underline{8} = 1$	$10 - \underline{8} = 2$
		$9 - 9 = \underline{0}$	$\underline{10} - 9 = 1$
			$10 - 10 = \underline{0}$

Talk About It

How are all the facts in a row alike?
How are all the facts in a column alike?
What do you notice about the answers in each row?
What do you notice about the answers in each column?

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Fluency Practice

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Add or Subtract with 6 and 7

Name _____

Complete each number sentence.

1 $2 + 4 = 6$ 2 $6 - 4 = 2$ 3 $7 + 0 = 7$

4 $6 - 5 = 1$ 5 $7 - 4 = 3$ 6 $5 + 1 = 6$

7 $6 - 6 = 0$ 8 $7 = 4 + 3$ 9 $5 = 7 - 2$

10 $7 = 5 + 2$ 11 $1 = 7 - 6$ 12 $3 = 6 - 3$

13 $7 - 1 = 6$ 14 $6 = 1 + 5$ 15 $6 = 0 + 6$

16 $4 + 2 = 6$ 17 $2 + 5 = 7$ 18 $6 - 0 = 6$

19 $3 + 3 = 6$ 20 $2 = 7 - 5$ 21 $7 = 6 + 1$

22 $0 = 7 - 7$ 23 $7 = 3 + 4$ 24 $4 = 6 - 2$

Add or Subtract Within 5

Name _____

Complete each number sentence.

1 $1 + 3 = 4$ 2 $4 - 3 = 1$ 3 $3 = 5 - 2$

4 $2 + 2 = 4$ 5 $4 = 4 + 0$ 6 $3 - 1 = 2$

7 $5 - 1 = 4$ 8 $4 + 1 = 5$ 9 $5 - 3 = 2$

10 $1 + 1 = 2$ 11 $5 - 4 = 1$ 12 $2 = 2 - 0$

13 $2 + 1 = 3$ 14 $0 + 2 = 2$ 15 $5 = 3 + 2$

16 $4 = 5 - 1$ 17 $2 + 3 = 5$ 18 $2 - 1 = 1$

19 $3 - 2 = 1$ 20 $1 + 4 = 5$ 21 $5 - 5 = 0$

22 $1 + 0 = 1$ 23 $3 + 1 = 4$ 24 $4 - 2 = 2$

Add or Subtract with 8 and 9

Name _____

Complete each number sentence.

1 $6 + 2 = 8$ 2 $9 - 2 = 7$ 3 $3 + 5 = 8$

4 $8 - 4 = 4$ 5 $9 - 9 = 0$ 6 $8 + 1 = 9$

7 $9 - 4 = 5$ 8 $9 = 6 + 3$ 9 $1 = 8 - 7$

10 $9 = 9 + 0$ 11 $8 = 8 - 0$ 12 $3 = 9 - 6$

13 $9 - 8 = 1$ 14 $9 = 5 + 4$ 15 $8 = 4 + 4$

16 $2 + 7 = 9$ 17 $4 + 5 = 9$ 18 $8 - 3 = 5$

19 $0 + 8 = 8$ 20 $6 = 9 - 3$ 21 $8 = 2 + 6$

22 $2 = 8 - 6$ 23 $8 = 5 + 3$ 24 $7 = 8 - 1$

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Fluency Practice

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Add or Subtract with 10

Name _____

Complete each number sentence.

1 $6 + 4 = 10$ 2 $10 - 3 = 7$ 3 $8 + 2 = 10$

4 $10 - 1 = 9$ 5 $10 - 5 = 5$ 6 $4 + 6 = 10$

7 $10 - 0 = 10$ 8 $10 = 0 + 10$ 9 $8 = 10 - 2$

10 $10 = 5 + 5$ 11 $1 = 10 - 9$ 12 $6 = 10 - 4$

13 $10 - 8 = 2$ 14 $10 = 3 + 7$ 15 $10 = 5 + 5$

16 $9 + 1 = 10$ 17 $7 + 3 = 10$ 18 $10 - 10 = 0$

19 $2 + 8 = 10$ 20 $4 = 10 - 6$ 21 $10 = 1 + 9$

22 $5 = 10 - 5$ 23 $10 = 10 + 0$ 24 $3 = 10 - 7$

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Fluency Practice

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Find Patterns in Addition—
Repeated Reasoning

Name _____

Add.

1 $6 + 2 = 8$

$2 + 6 = 8$

2 $4 + 5 = 9$

$5 + 4 = 9$

3 $1 + 9 = 10$

$9 + 1 = 10$

4 $4 + 3 = 7$

$3 + 4 = 7$

5 $7 + 2 = 9$

$2 + 7 = 9$

6 $5 + 1 = 6$

$1 + 5 = 6$

Talk About It

What happens when the numbers you add are the same but the order of the numbers is different?

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Fluency Practice

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Add or Subtract Within 10

Name _____

Complete each number sentence.

1 $6 + 2 = 8$

2 $2 - 2 = 0$

3 $2 + 4 = 6$

4 $9 - 2 = 7$

5 $7 - 6 = 1$

6 $2 + 1 = 3$

7 $5 - 3 = 2$

8 $5 = 3 + 2$

9 $3 = 3 - 0$

10 $4 = 2 + 2$

11 $5 = 7 - 2$

12 $1 = 6 - 5$

13 $8 - 1 = 7$

14 $0 = 0 + 0$

15 $10 = 7 + 3$

16 $0 + 1 = 1$

17 $4 + 3 = 7$

18 $8 - 4 = 4$

19 $1 + 1 = 2$

20 $5 = 9 - 4$

21 $8 = 3 + 5$

22 $6 = 10 - 4$

23 $9 = 3 + 6$

24 $1 = 4 - 3$

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Find Patterns in Subtraction—
Repeated Reasoning

Name _____

Subtract.

$1 \quad 6 - 6 = \underline{0} \quad 2 \quad 7 - 7 = \underline{0} \quad 3 \quad 8 - 8 = \underline{0}$

$4 \quad 10 - 0 = \underline{10} \quad 5 \quad 9 - 0 = \underline{9} \quad 6 \quad 8 - 0 = \underline{8}$

$7 \quad 1 - 1 = \underline{0} \quad 8 \quad 2 - 2 = \underline{0} \quad 9 \quad 3 - 3 = \underline{0}$

$10 \quad 6 - 0 = \underline{6} \quad 11 \quad 7 - 0 = \underline{7} \quad 12 \quad 5 - 0 = \underline{5}$

$13 \quad 4 - 4 = \underline{0} \quad 14 \quad 5 - 5 = \underline{0} \quad 15 \quad 9 - 9 = \underline{0}$

$16 \quad 3 - 0 = \underline{3} \quad 17 \quad 4 - 0 = \underline{4} \quad 18 \quad 2 - 0 = \underline{2}$

Talk About It

Circle all the facts that subtract 0. What do you notice about the numbers you find?

What do you notice about the facts that are not circled?