Algebra: Skill 1- 6B
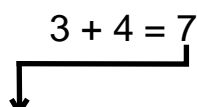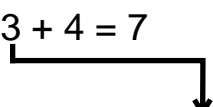
Related Addition and Subtraction Facts
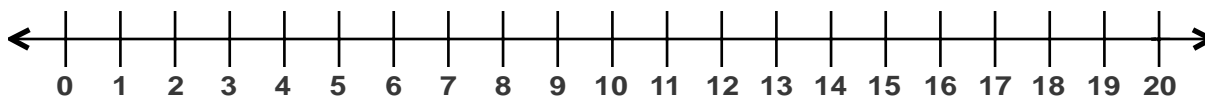
Related facts use the same numbers.
For example, a related subtraction fact for 1 + 2 = 3 is 3 - 2 = 1.

Look at this addition fact: 3 + 4 = 7. How do you write a related subtraction fact?

Follow the steps below.

①	②	③
Write the number 7 in the first box.	Write the number 4 in the next box.	Write the number 3 in the last box.
3 + 4 = 7	3 + 4 = 7	3 + 4 = 7
7 - ☐ = ☐	7 - 4 = ☐	7 - 4 = 3

So, a related subtraction fact for 3 + 4 = 7 is 7 - 4 = 3
(You will see later that there is another related subtraction fact for 3 + 4 =7)

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   0  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15 16 17 18 19 20
```

Example

Directions: First add and subtract. Then circle the related facts. Use the number line for help.

$$\boxed{2 + 1 = 3} \qquad 2 - 1 = 1 \qquad \boxed{3 - 1 = 2}$$

Start here.

1.

$$3 + 4 = \qquad 7 - 4 = \qquad 8 - 1 =$$

Algebra: Skill 1- 6B

Related Addition and Subtraction Facts

Directions: First add and subtract. Then circle the related facts.

2.

| $2 + 4 =$ | $3 + 3 =$ | $6 - 4 =$ |

3.

| $6 + 6 =$ | $3 + 9 =$ | $12 - 9 =$ |

4.

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

5.

| $4 + 8 =$ | $4 + 4 =$ | $12 - 8 =$ |

6.

| $5 + 6 =$ | $10 - 4 =$ | $11 - 6 =$ |

7.

| $8 + 1 =$ | $9 - 1 =$ | $10 - 1 =$ |

8.

| $6 + 7 =$ | $5 + 8 =$ | $13 - 7 =$ |

9.

| $7 + 10 =$ | $7 + 8 =$ | $15 - 8 =$ |

10.

| $3 + 2 =$ | $1 + 2 =$ | $3 - 2 =$ |

Algebra: Skill 1- 6B
Related Addition and Subtraction Facts

Directions: First add and subtract. Then circle the related facts.

$$\longleftarrow |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ |\ | \longrightarrow$$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

11.

$4 + 5 =$	$9 - 5 =$	$5 - 4 =$

12.

$7 + 3 =$	$8 - 2 =$	$10 - 3 =$

13.

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

14.

$8 + 3 =$	$11 - 3 =$	$11 - 5 =$

15.

$4 + 1 =$	$5 + 1 =$	$5 - 1 =$

16.

$5 + 1 =$	$6 + 1 =$	$6 - 1 =$

17.

$4 + 3 =$	$12 - 3 =$	$7 - 3 =$

18.

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

19.

$7 + 1 =$	$8 - 1 =$	$7 - 1 =$

Answer Key 1-6B The related facts are in red.

1.		
3 + 4 = 7	7 – 4 = 3	8 – 1 = 7

2.		
2 + 4 = 6	3 + 3 = 6	6 – 4 = 2

3.		
6 + 6 = 12	3 + 9 = 12	12 – 9 = 3

4.		
7 + 3 = 10	7 – 3 = 4	10 – 3 = 7

5.		
4 + 8 = 12	4 + 4 = 8	12 – 8 = 4

6.		
5 + 6 = 11	10 – 4 = 6	11 – 6 = 5

7.		
8 + 1 = 9	9 – 1 = 8	10 – 1 = 9

8.		
6 + 7 = 13	5 + 8 = 13	13 – 7 = 6

9.		
7 + 10 = 17	7 + 8 = 15	15 – 8 = 7

10.		
3 + 2 = 5	1 + 2 = 3	3 – 2 = 1

11.		
4 + 5 = 9	9 – 5 = 4	5 – 4 = 1

12.		
7 + 3 = 10	8 – 2 = 6	10 – 3 = 7

13.		
9 + 1 = 10	6 + 4 = 10	10 – 4 = 6

14.		
8 + 3 = 11	11 – 3 = 8	11 – 5 = 6

15.		
4 + 1 = 5	5 + 1 = 6	5 – 1 = 4

16.		
5 + 1 = 6	6 + 1 = 7	6 – 1 = 5

17.		
4 + 3 = 7	12 – 3 = 9	7 – 3 = 4

18.		
4 + 6 = 10	4 + 5 = 9	9 – 5 = 4

19.		
7 + 1 = 8	8 – 1 = 7	7 – 1 = 6