

$$3 + 3 = 6$$

# Learning Addition Facts Part 2

$$4 + 8 = 12$$

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# California Standard Addressed

Number  
Sense

First  
Grade

2.1 Know the addition facts  
(sums to 20)

# Objective

- **To learn the strategies and patterns for adding sums to 20.**

# **Addition Facts are easiest to learn when...**

- **You find patterns.**
- **You use rhymes.**
- **You use strategies.**
- **You relate them to what you already know.**

# Ten Pattern

Add number in one's place plus 0,  
then bring down the one in 10's  
place.

$$\begin{array}{r} 10 \\ + 7 \\ \hline 17 \end{array}$$

$$0 + 7 = 7$$

$$1 + 0 = 1$$

Answer 17



# Ten Pattern

**10 plus a number is that number with a 1 in front.**

- **$10 + 4 = 14$**
- **$7 + 10 = 17$**
- **$10 + 5 = 15$**
- **$8 + 10 = 18$**
- **$10 + 9 = 19$**
- **$6 + 10 = 16$**



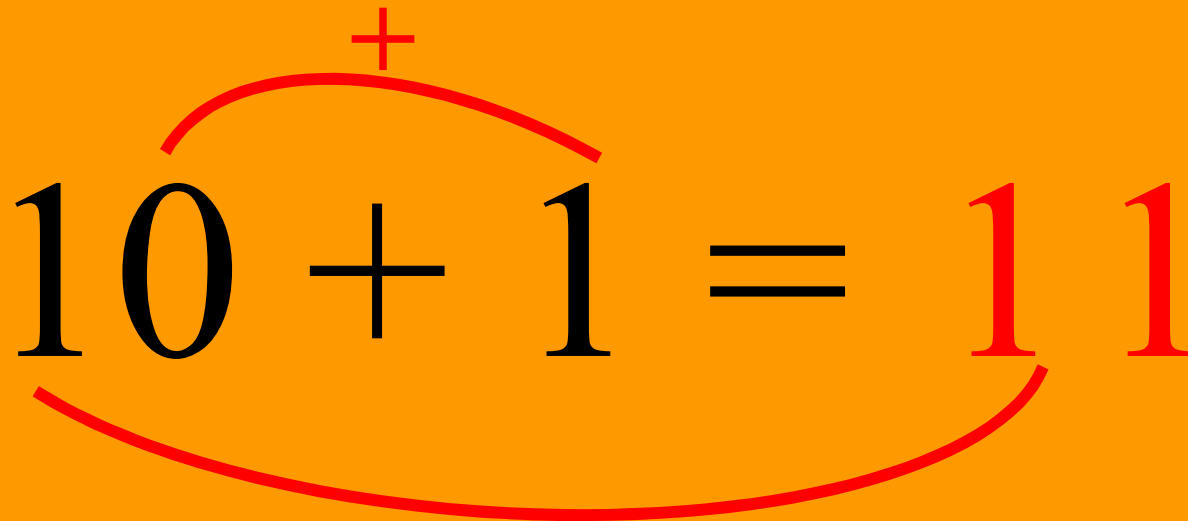
# What is

$$10 + 8 = 18$$

# What is

$$4 + 10 = 14$$

# What is

$$10 + 1 = 11$$


# What is

$$9 + 10 = 19$$

# What is

$$10 + 2 = 12$$

# What is

$$5 + 10 = 15$$

# What is

$$10 + 7 = 17$$

# What is

$$3 + 10 = 13$$

**What is**

$$10 + 6 = 16$$

# Nine Strategy

Pretend 9 is a 10. Add.  
Subtract 1 from answer

10

Pretend 9 is a 10.

+ 6

Add like a 10

15

Subtract 1 from  
answer.



# Nine Strategy

Pretend 9 is a 10. Add.  
Subtract 1 from answer.

- $4 + 9 = 13$
- $9 + 9 = 18$
- $5 + 9 = 14$
- $9 + 7 = 16$
- $6 + 9 = 15$
- $9 + 5 = 14$



# What is

Think  
10

10  
+7  
\_\_\_\_\_

17  
-1  
\_\_\_\_\_

$$9 + 7 = 16$$

# What is

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

Think  
10

$$\begin{array}{r} 14 \\ -1 \\ \hline \end{array}$$

$$4 + 9 = 13$$

# What is

Think  
10

10  
+8  
\_\_\_\_\_

18  
-1  
\_\_\_\_\_

$$9 + 8 = 17$$

# What is

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

Think  
10

$$\begin{array}{r} 15 \\ -1 \\ \hline \end{array}$$

$$5 + 9 = 14$$

# What is

Think  
10

10  
+6  
        

16  
-1  
        

$$9 + 6 = 15$$

# What is

$$9 + 9 = 18$$

# Addition Facts I Learned

|           |           |           |           |           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>+</b>  | <b>0</b>  | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> |
| <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> |
| <b>1</b>  | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> |
| <b>2</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> |
| <b>3</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> |
| <b>4</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> |
| <b>5</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> |
| <b>6</b>  | <b>6</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> |
| <b>7</b>  | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> | <b>17</b> |
| <b>8</b>  | <b>8</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> | <b>17</b> | <b>18</b> |
| <b>9</b>  | <b>9</b>  | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> | <b>17</b> | <b>18</b> | <b>19</b> |
| <b>10</b> | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> | <b>17</b> | <b>18</b> | <b>19</b> | <b>20</b> |

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