










## Addition within 20

e.g. Zoe has 7 . Clare has 4 . How many teddy bears do they have altogether?

$$\underline{7} \oplus \underline{4} = \underline{11} \text{ (teddy bears)}$$

1 Tom has 6 . William has 7 . How many  do they have altogether?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (candies)}$$

2 My sister has 10 . Mother gives her 8 more . How many  does she have now?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (paper clips)}$$



## Addition within 20

3 I am 8 years old. My sister is 5 years older than me. How old is my sister?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (years old)}$$



4 Denise ate 5 . Sam ate 9 . How many  did they eat altogether?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (cupcakes)}$$

5 Chloe has \$8. Sammy has \$9. How much do they have altogether?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$



## Addition within 20

1 I have 4 . My sister has 8 . How many hair clips do we have altogether?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (hair clips)}$$

2 My sister has \$12. Mother gives her \$5 more. How much does she have now?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$

3 A costs \$8. Dad buys 2 . How much does he pay in total?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$





## Addition within 20

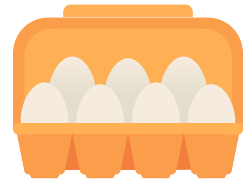
4 I am 8 years old. My brother is 3 years older than me. How old is my brother?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (years old)}$$



5 There are 3 eggs left. My mother buys a dozen eggs more. How many eggs are there altogether?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (eggs)}$$



6 Steve ate 9 . Peter ate half a dozen . How many  did they eat altogether?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (cookies)}$$



## Subtraction within 10

e.g.

My mother bought  which cost \$16 with a . How much change did she get?

$$\underline{20} - \underline{16} = \underline{4} \text{ (dollars)}$$



1

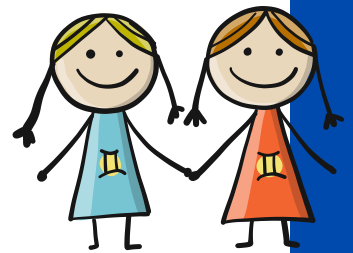
There were 15 . Fion and her friends ate 9 . How many  were left?

$$\underline{\quad} - \underline{\quad} = \underline{\quad} \text{ (cupcakes)}$$

2

I am 12 years old. My little sister is 5 years younger than me. How old is my little sister?


$$\underline{\quad} - \underline{\quad} = \underline{\quad} \text{ (years old)}$$





## Subtraction within 20

3

There are a dozen . Tom and his friends eat 8 . How many  are left?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (eggtarts)}$$

4

I have 18 . Lily has 9 fewer  than me. How many  does Lily have?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (sweets)}$$

5

Ann has \$20. Alex has \$5 less than Ann. How much does Alex have?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$











## Subtraction within 20

- 1 There are 16 . My sister and I eat 6 . How many  are left?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (donuts)}$$

- 2 There are 15 . 10 of them fly away. How many  are left?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (balloons)}$$

- 3 A  costs \$17. A  costs \$6 cheaper than a . How much does a  cost?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$







## Subtraction within 20

4

There were 14 . My friends and I ate 8 . How many  were left?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (buns)}$$

5

Mrs. Chan bought a dozen eggs. 3  were broken. How many  were in good condition?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (eggs)}$$

6



My mother bought  which cost \$15 with a . How much change did she get?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$







## Addition and Subtraction within 20

- 1 Tom has 6 . He has 10 fewer than Polly. How many  does Polly have?

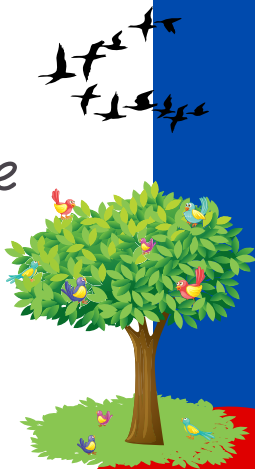
$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (marbles)}$$

- 2 Amy has 10 . She has 2 more than Kelly. How many  do they have?

$$\underline{\quad} \bigcirc \underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (marbles)}$$

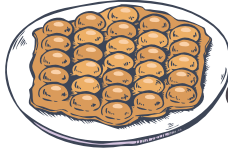
- 3 There were 7 birds on a tree. 3 birds flew away. Then, 9 birds landed on the tree. How many birds were on the tree in the end?



$$\underline{\quad} \bigcirc \underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (birds)}$$



## Addition and Subtraction within 20

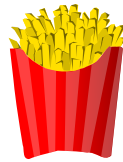
4



A  costs \$10. A  costs \$5. If mom buys an egg puff and 2 skewers of fishballs. How much does she need to pay in total?

$$\underline{\quad} \bigcirc \underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$

5



\$13

\$5

Mrs. Chan bought a hamburger and a pack of french fries. How much should she pay in total?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$

6

Mrs. Chan paid with . How much change did she get?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \text{ (dollars)}$$

