



Name: _____

Date: _____

1. Order doesn't change the sum. If $3 + 9 = 12$, which is also true?

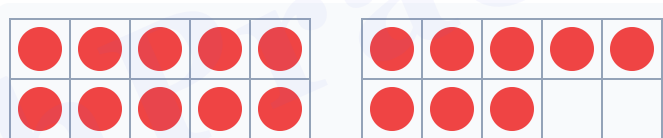
$9 + 3 = 12$

$9 - 3 = 12$

$9 + 3 = 13$

2. Adding zero: $1 + 0 = \underline{\quad}$

3. Doubles fact: the ten-frame shows $9 + 9$. What is the total?



4. The picture shows $1 + 6 = 7$. Which fact has the SAME total?



$1 + 7$

$6 + 1$

$6 - 1$



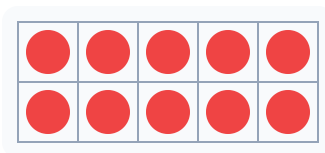
5. Order doesn't change the sum. If $9 + 6 = 15$, which is also true?

$6 - 9 = 15$

$6 + 9 = 16$

$6 + 9 = 15$

6. Doubles fact: the ten-frame shows $5 + 5$. What is the total?



7. The picture shows $3 + 6 = 9$. Which fact has the SAME total?



$6 + 3$

$3 + 7$

$6 - 3$

8. Order doesn't change the sum. If $9 + 7 = 16$, which is also true?

$7 - 9 = 16$

$7 + 9 = 16$

$7 + 9 = 17$



9. The picture shows $5 + 6 = 11$. Which fact has the SAME total?



$5 + 7$

$6 + 5$

$6 - 5$

10. Order doesn't change the sum. If $9 + 8 = 17$, which is also true?

$8 + 9 = 18$

$8 + 9 = 17$

$8 - 9 = 17$

11. The picture shows $3 + 5 = 8$. Which fact has the SAME total?



$5 + 3$

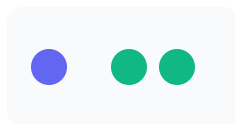
$5 - 3$

$3 + 6$

12. Order doesn't change the sum. If $4 + 4 = 8$, which is also true?



13. The picture shows $1 + 2 = 3$. Which fact has the SAME total?



$2 + 1$

$2 - 1$

$1 + 3$

14. Order doesn't change the sum. If $3 + 5 = 8$, which is also true?

$5 + 3 = 8$

$5 - 3 = 8$

$5 + 3 = 9$

15. The picture shows $1 + 5 = 6$. Which fact has the SAME total?



$5 - 1$

$5 + 1$

$1 + 6$

16. Order doesn't change the sum. If $3 + 1 = 4$, which is also true?

$1 - 3 = 4$

$1 + 3 = 5$

$1 + 3 = 4$



17. The picture shows $6 + 4 = 10$. Which fact has the SAME total?



$4 + 6$

$4 - 6$

$6 + 5$

18. Order doesn't change the sum. If $7 + 8 = 15$, which is also true?

$8 + 7 = 15$

$8 - 7 = 15$

$8 + 7 = 16$



Answer Key

1. **$9 + 3 = 12$** Commutative property: $9 + 3 = 12$.
2. **1** Adding 0 doesn't change a number: $1 + 0 = 1$.
3. **18** $9 + 9 = 18$.
4. **$6 + 1$** Order doesn't change the sum: $6 + 1 = 7$.
5. **$6 + 9 = 15$** Commutative property: $6 + 9 = 15$.
6. **10** $5 + 5 = 10$.
7. **$6 + 3$** Order doesn't change the sum: $6 + 3 = 9$.
8. **$7 + 9 = 16$** Commutative property: $7 + 9 = 16$.
9. **$6 + 5$** Order doesn't change the sum: $6 + 5 = 11$.
10. **$8 + 9 = 17$** Commutative property: $8 + 9 = 17$.
11. **$5 + 3$** Order doesn't change the sum: $5 + 3 = 8$.
12. **$4 + 4 = 8$** Commutative property: $4 + 4 = 8$.
13. **$2 + 1$** Order doesn't change the sum: $2 + 1 = 3$.
14. **$5 + 3 = 8$** Commutative property: $5 + 3 = 8$.
15. **$5 + 1$** Order doesn't change the sum: $5 + 1 = 6$.
16. **$1 + 3 = 4$** Commutative property: $1 + 3 = 4$.
17. **$4 + 6$** Order doesn't change the sum: $4 + 6 = 10$.
18. **$8 + 7 = 15$** Commutative property: $8 + 7 = 15$.