

## Lección 1

Objetivo: Usar manipulativos para crear grupos equivalentes.

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

|     |            |     |           |
|-----|------------|-----|-----------|
| 1.  | $10 + 3 =$ | 21. | $7 + 9 =$ |
| 2.  | $10 + 6 =$ | 22. | $4 + 8 =$ |
| 3.  | $10 + 4 =$ | 23. | $5 + 9 =$ |
| 4.  | $5 + 10 =$ | 24. | $8 + 6 =$ |
| 5.  | $8 + 10 =$ | 25. | $7 + 5 =$ |
| 6.  | $10 + 9 =$ | 26. | $5 + 8 =$ |
| 7.  | $12 + 2 =$ | 27. | $8 + 3 =$ |
| 8.  | $13 + 4 =$ | 28. | $9 + 8 =$ |
| 9.  | $16 + 3 =$ | 29. | $6 + 5 =$ |
| 10. | $2 + 17 =$ | 30. | $7 + 6 =$ |
| 11. | $5 + 14 =$ | 31. | $4 + 6 =$ |
| 12. | $7 + 12 =$ | 32. | $8 + 7 =$ |
| 13. | $16 + 3 =$ | 33. | $7 + 7 =$ |
| 14. | $11 + 5 =$ | 34. | $8 + 6 =$ |
| 15. | $9 + 2 =$  | 35. | $6 + 9 =$ |
| 16. | $5 + 9 =$  | 36. | $8 + 5 =$ |
| 17. | $7 + 9 =$  | 37. | $4 + 7 =$ |
| 18. | $9 + 4 =$  | 38. | $3 + 9 =$ |
| 19. | $7 + 8 =$  | 39. | $6 + 6 =$ |
| 20. | $8 + 8 =$  | 40. | $4 + 9 =$ |

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

|     |                                      |     |                                     |
|-----|--------------------------------------|-----|-------------------------------------|
| 1.  | $10 + 4 =$                           | 21. | $4 + 8 =$                           |
| 2.  | $10 + 9 =$                           | 22. | $7 + 6 =$                           |
| 3.  | $5 + 10 =$                           | 23. | $\underline{\hspace{1cm}} + 4 = 11$ |
| 4.  | $2 + 10 =$                           | 24. | $\underline{\hspace{1cm}} + 8 = 13$ |
| 5.  | $11 + 4 =$                           | 25. | $6 + \underline{\hspace{1cm}} = 14$ |
| 6.  | $12 + 5 =$                           | 26. | $8 + \underline{\hspace{1cm}} = 15$ |
| 7.  | $16 + 2 =$                           | 27. | $\underline{\hspace{1cm}} = 9 + 8$  |
| 8.  | $13 + \underline{\hspace{1cm}} = 18$ | 28. | $\underline{\hspace{1cm}} = 4 + 7$  |
| 9.  | $11 + \underline{\hspace{1cm}} = 20$ | 29. | $\underline{\hspace{1cm}} = 7 + 8$  |
| 10. | $14 + 3 =$                           | 30. | $3 + 9 =$                           |
| 11. | $\underline{\hspace{1cm}} = 3 + 16$  | 31. | $6 + 7 =$                           |
| 12. | $\underline{\hspace{1cm}} = 7 + 12$  | 32. | $8 + \underline{\hspace{1cm}} = 13$ |
| 13. | $\underline{\hspace{1cm}} = 15 + 4$  | 33. | $\underline{\hspace{1cm}} = 7 + 9$  |
| 14. | $9 + 2 =$                            | 34. | $6 + 5 =$                           |
| 15. | $6 + 9 =$                            | 35. | $\underline{\hspace{1cm}} = 5 + 7$  |
| 16. | $\underline{\hspace{1cm}} + 4 = 11$  | 36. | $\underline{\hspace{1cm}} = 8 + 4$  |
| 17. | $\underline{\hspace{1cm}} + 6 = 13$  | 37. | $15 = 8 + \underline{\hspace{1cm}}$ |
| 18. | $\underline{\hspace{1cm}} + 5 = 12$  | 38. | $17 = \underline{\hspace{1cm}} + 9$ |
| 19. | $8 + 8 =$                            | 39. | $14 = \underline{\hspace{1cm}} + 7$ |
| 20. | $6 + 6 =$                            | 40. | $19 = 8 + \underline{\hspace{1cm}}$ |

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

|     |             |     |             |
|-----|-------------|-----|-------------|
| 1.  | $12 - 2 =$  | 21. | $16 - 9 =$  |
| 2.  | $18 - 8 =$  | 22. | $14 - 6 =$  |
| 3.  | $19 - 10 =$ | 23. | $16 - 8 =$  |
| 4.  | $14 - 10 =$ | 24. | $15 - 6 =$  |
| 5.  | $16 - 6 =$  | 25. | $17 - 8 =$  |
| 6.  | $11 - 10 =$ | 26. | $18 - 9 =$  |
| 7.  | $17 - 12 =$ | 27. | $15 - 7 =$  |
| 8.  | $20 - 10 =$ | 28. | $13 - 8 =$  |
| 9.  | $13 - 11 =$ | 29. | $11 - 3 =$  |
| 10. | $18 - 13 =$ | 30. | $12 - 5 =$  |
| 11. | $12 - 3 =$  | 31. | $11 - 2 =$  |
| 12. | $11 - 2 =$  | 32. | $13 - 6 =$  |
| 13. | $14 - 2 =$  | 33. | $16 - 7 =$  |
| 14. | $13 - 4 =$  | 34. | $12 - 8 =$  |
| 15. | $11 - 3 =$  | 35. | $16 - 13 =$ |
| 16. | $13 - 2 =$  | 36. | $15 - 14 =$ |
| 17. | $12 - 4 =$  | 37. | $17 - 12 =$ |
| 18. | $14 - 5 =$  | 38. | $19 - 16 =$ |
| 19. | $11 - 4 =$  | 39. | $18 - 11 =$ |
| 20. | $12 - 5 =$  | 40. | $20 - 16 =$ |

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

|     |                                     |     |                                      |
|-----|-------------------------------------|-----|--------------------------------------|
| 1.  | $19 - 9 =$                          | 21. | $16 - 7 =$                           |
| 2.  | $12 - 10 =$                         | 22. | $17 - 8 =$                           |
| 3.  | $18 - 11 =$                         | 23. | $16 - 7 =$                           |
| 4.  | $15 - 10 =$                         | 24. | $14 - 8 =$                           |
| 5.  | $17 - 12 =$                         | 25. | $17 - 9 =$                           |
| 6.  | $16 - 13 =$                         | 26. | $12 - 9 =$                           |
| 7.  | $12 - 2 =$                          | 27. | $16 - 8 =$                           |
| 8.  | $20 - 10 =$                         | 28. | $15 - 7 =$                           |
| 9.  | $14 - 11 =$                         | 29. | $13 - 8 =$                           |
| 10. | $13 - 3 =$                          | 30. | $14 - 7 =$                           |
| 11. | $\underline{\hspace{1cm}} = 11 - 3$ | 31. | $13 - 9 =$                           |
| 12. | $\underline{\hspace{1cm}} = 14 - 4$ | 32. | $15 - 9 =$                           |
| 13. | $\underline{\hspace{1cm}} = 13 - 4$ | 33. | $14 - 6 =$                           |
| 14. | $\underline{\hspace{1cm}} = 11 - 4$ | 34. | $\underline{\hspace{1cm}} = 13 - 5$  |
| 15. | $\underline{\hspace{1cm}} = 12 - 3$ | 35. | $\underline{\hspace{1cm}} = 15 - 8$  |
| 16. | $\underline{\hspace{1cm}} = 13 - 2$ | 36. | $\underline{\hspace{1cm}} = 18 - 9$  |
| 17. | $\underline{\hspace{1cm}} = 11 - 2$ | 37. | $\underline{\hspace{1cm}} = 20 - 4$  |
| 18. | $16 - 8 =$                          | 38. | $\underline{\hspace{1cm}} = 20 - 17$ |
| 19. | $15 - 6 =$                          | 39. | $\underline{\hspace{1cm}} = 20 - 11$ |
| 20. | $12 - 5 =$                          | 40. | $\underline{\hspace{1cm}} = 20 - 3$  |

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

|     |            |     |             |
|-----|------------|-----|-------------|
| 1.  | $13 + 3 =$ | 21. | $11 - 8 =$  |
| 2.  | $12 + 8 =$ | 22. | $13 - 7 =$  |
| 3.  | $16 + 2 =$ | 23. | $15 - 8 =$  |
| 4.  | $11 + 7 =$ | 24. | $12 + 6 =$  |
| 5.  | $6 + 9 =$  | 25. | $13 + 2 =$  |
| 6.  | $7 + 8 =$  | 26. | $9 + 11 =$  |
| 7.  | $4 + 7 =$  | 27. | $6 + 8 =$   |
| 8.  | $13 - 5 =$ | 28. | $8 + 9 =$   |
| 9.  | $16 - 6 =$ | 29. | $7 + 5 =$   |
| 10. | $17 - 9 =$ | 30. | $13 - 7 =$  |
| 11. | $14 - 6 =$ | 31. | $15 - 8 =$  |
| 12. | $18 - 7 =$ | 32. | $11 - 9 =$  |
| 13. | $8 + 8 =$  | 33. | $12 - 3 =$  |
| 14. | $7 + 6 =$  | 34. | $14 - 5 =$  |
| 15. | $4 + 9 =$  | 35. | $13 + 6 =$  |
| 16. | $5 + 7 =$  | 36. | $8 + 5 =$   |
| 17. | $6 + 5 =$  | 37. | $4 + 7 =$   |
| 18. | $13 - 8 =$ | 38. | $7 + 8 =$   |
| 19. | $16 - 9 =$ | 39. | $4 + 9 =$   |
| 20. | $14 - 8 =$ | 40. | $20 - 12 =$ |

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

1. Encierra en un círculo grupos de dos manzanas.



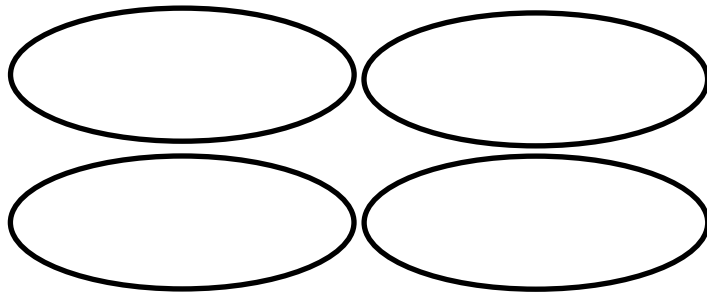
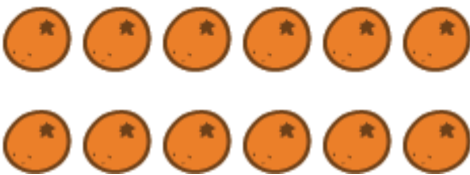
Hay \_\_\_\_\_ grupos de dos manzanas.

2. Encierra en un círculo grupos de tres pelotas.



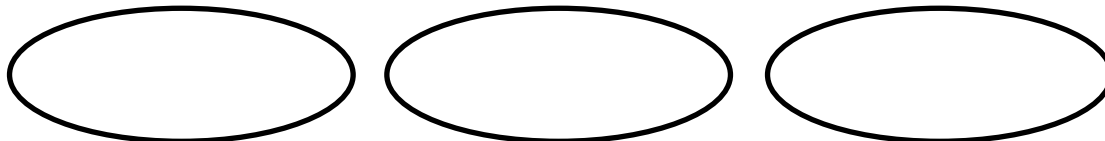
Hay \_\_\_\_\_ grupos de tres pelotas.

3. Dibuja nuevamente 12 naranjas en 4 grupos iguales.



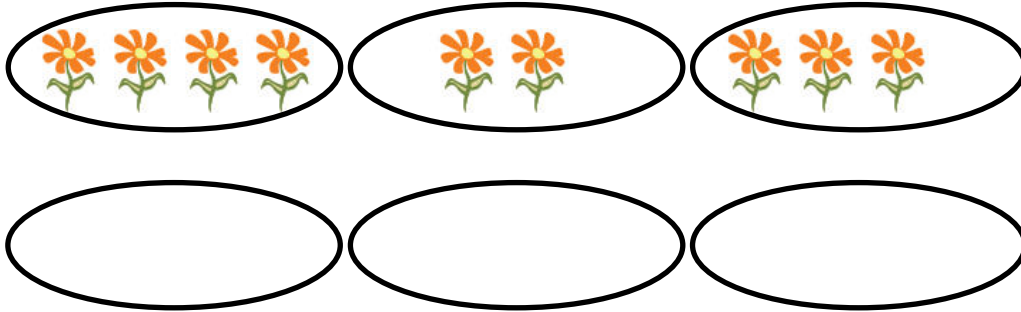
4 grupos de \_\_\_\_\_ naranjas

4. Dibuja nuevamente 12 naranjas en 3 grupos iguales.



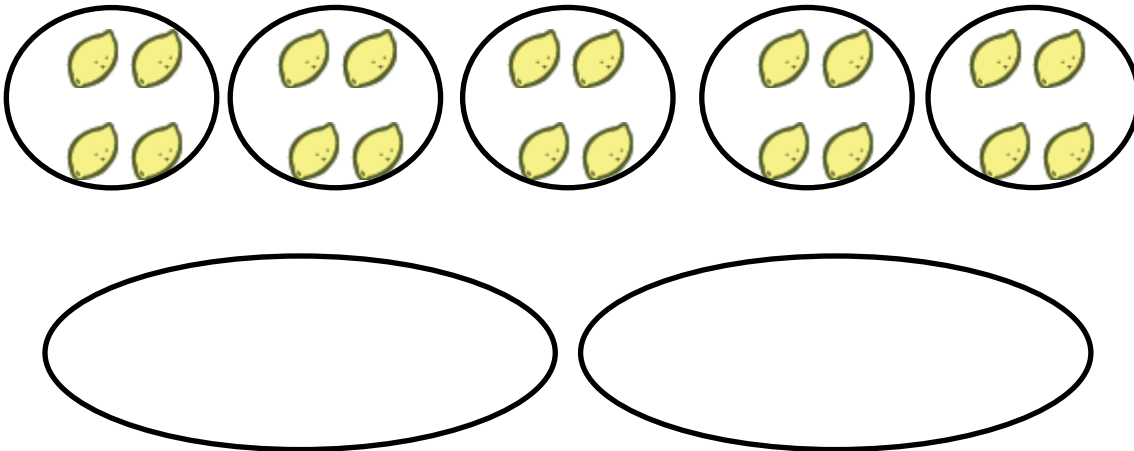
3 grupos de \_\_\_\_\_ naranjas

5. Dibuja nuevamente las flores para hacer que cada uno de los 3 grupos tenga el mismo número de flores.



3 grupos de \_\_\_\_\_ flores = \_\_\_\_\_ flores

6. Dibuja nuevamente los limones para hacer 2 grupos del mismo tamaño.



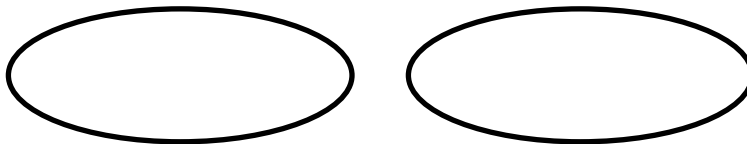
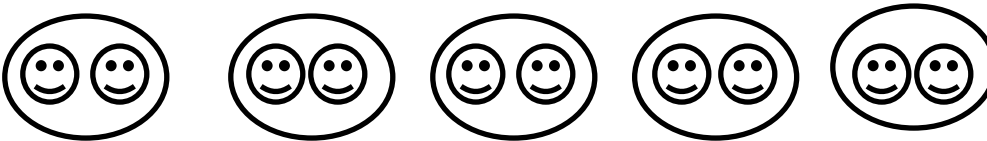
2 grupos de \_\_\_\_\_ limones = \_\_\_\_\_ limones

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

1. Encierra en un círculo grupos de 4 sombreros.



2. Dibuja nuevamente las caritas sonrientes en dos grupos iguales.



2 grupos de \_\_\_\_\_ = \_\_\_\_\_

Nombre \_\_\_\_\_ Fecha \_\_\_\_\_

1. Encierra en un círculo grupos de dos camisetas.



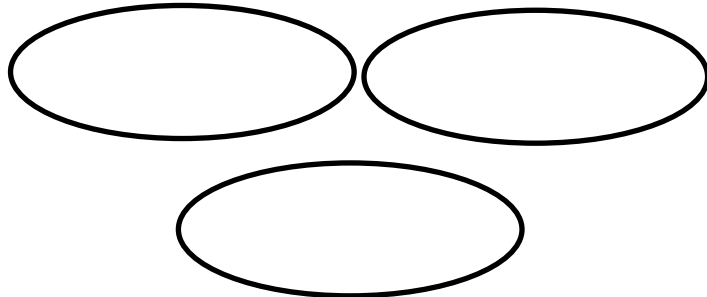
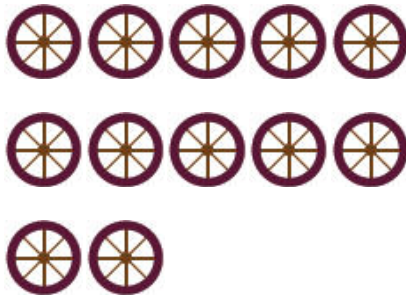
Hay \_\_\_\_\_ grupos de dos camisetas.

2. Encierra en un círculo grupos de tres pantalones.



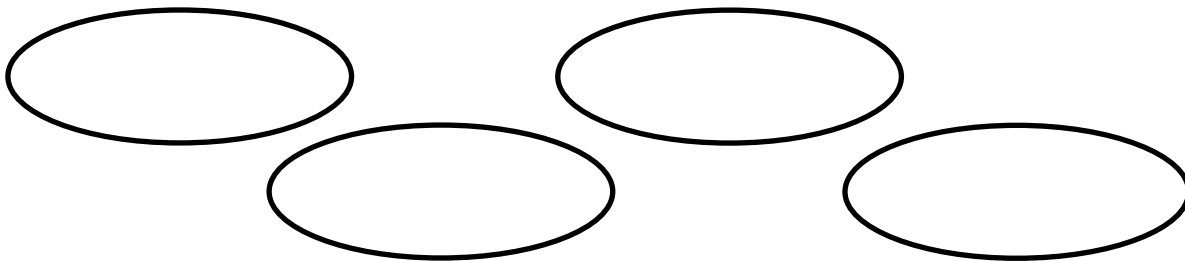
Hay \_\_\_\_\_ grupos de tres pantalones.

3. Dibuja nuevamente 12 ruedas en 3 grupos iguales.



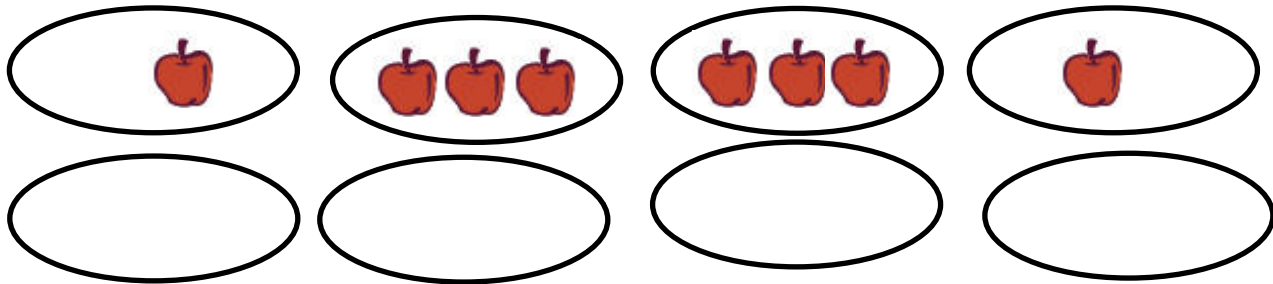
3 grupos de \_\_\_\_\_ ruedas

4. Dibuja nuevamente 12 ruedas en 4 grupos iguales.



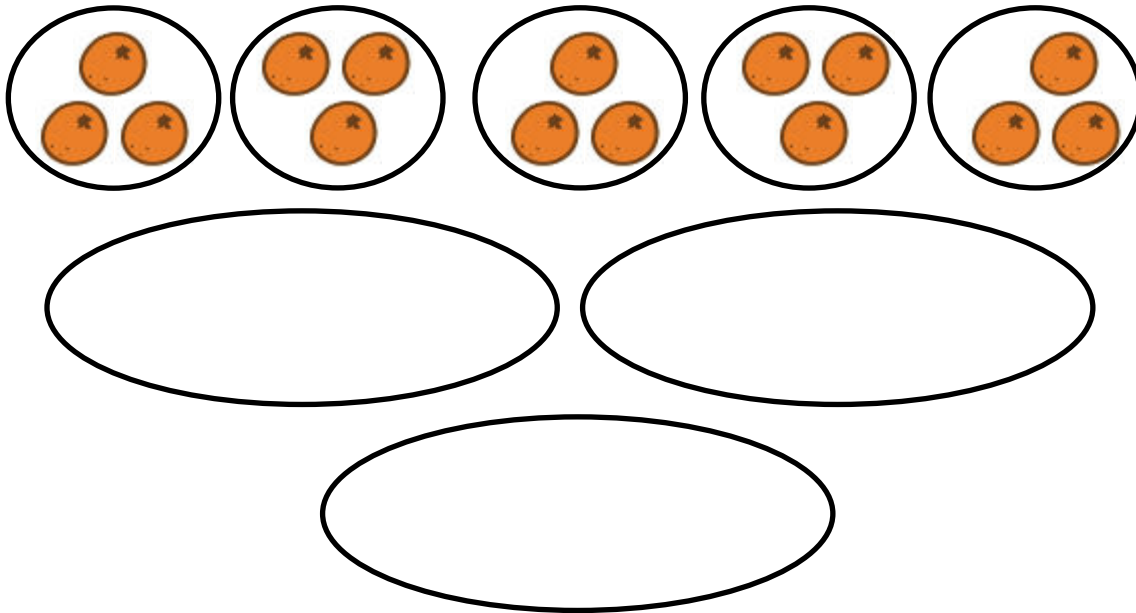
4 grupos de \_\_\_\_\_ ruedas

5. Dibuja nuevamente las manzanas para hacer que cada uno de los 4 grupos tenga el mismo número de manzanas.



4 grupos de \_\_\_\_\_ manzanas = \_\_\_\_\_ manzanas

6. Dibuja nuevamente las naranjas para hacer 3 grupos iguales.



3 grupos de \_\_\_\_\_ naranjas = \_\_\_\_\_ naranjas