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# Addition with Regrouping

Add the ones. Regroup 10 ones as 1 ten. Then add the tens.

**S**

Tens	Ones
3	8
+2	4
<hr/>	
	2

→

Tens	Ones
<sup>1</sup> 3	8
+2	4
<hr/>	
6	2

**1.**

Tens	Ones
5	6
+1	5
<hr/>	

**2.**

Tens	Ones
7	8
+1	2
<hr/>	

**3.**

Tens	Ones
4	6
+1	7
<hr/>	

**4.**

Tens	Ones
3	1
+3	9
<hr/>	

**5.**

Tens	Ones
2	7
+4	8
<hr/>	

**6.**

Tens	Ones
6	6
+2	6
<hr/>	

**7.**

19
+23
<hr/>

**8.**

48
+36
<hr/>

**9.**

75
+15
<hr/>

**10.**

26
+57
<hr/>

**11.**

19
+39
<hr/>

**12.**

29
+55
<hr/>

**13.**

54
+37
<hr/>

**14.**

19
+27
<hr/>

**15.**

65
+28
<hr/>

**16.**

37
+37
<hr/>

**17.**

63
+28
<hr/>

**18.**

17
+65
<hr/>

**19.**

24
+39
<hr/>

**20.**

38
+18
<hr/>

**21.**

45
+25
<hr/>

Find the answer to each word problem.

**22.** Sandy tied up 16 old magazines to recycle. Then she tied up 19 more magazines in a bundle. How many magazines did she tie up in all?

**23.** Marvin collected 45 clear glass bottles to recycle. He collected 28 brown glass bottles. How many glass bottles did Marvin collect in all?

# More Addition with Regrouping

Add.

1. 

Tens	Ones
1	9
+4	2
<hr/>	

2. 

Tens	Ones
2	4
+2	8
<hr/>	

3. 

Tens	Ones
2	7
+3	6
<hr/>	

4. 

Tens	Ones
5	6
+3	9
<hr/>	

5. 
$$\begin{array}{r} 67 \\ +28 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 19 \\ +44 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 38 \\ +53 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 24 \\ +46 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 83 \\ +9 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 49 \\ +49 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 28 \\ +52 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 6 \\ +16 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 55 \\ +15 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 25 \\ +37 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 17 \\ +53 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 35 \\ +18 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 49 \\ +21 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 58 \\ +36 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 38 \\ +29 \\ \hline \end{array}$$

Find the answer to each word problem.

20. Miss Lang drives 16 kilometers to work and 16 kilometers home each day. How far does she drive each day?

21. Len solved 32 addition problems and 39 subtraction problems. How many problems did he solve?

22. Arlo read 36 pages of a book before lunch. He read another 47 pages after lunch. How many pages did he read today?

23. Danica did 45 jumping jacks. She rested a few minutes and then did 45 more jumping jacks. How many jumping jacks did she do it all?

# Subtraction with Regrouping

Subtract the ones. Then subtract the tens.

S

Tens	Ones
4	12
<del>5</del>	<del>2</del>
-2	8
<hr/>	
	4

→

Tens	Ones
4	12
<del>5</del>	<del>2</del>
-2	8
<hr/>	
2	4

1.

Tens	Ones
6	4
-1	9
<hr/>	

2.

Tens	Ones
9	0
-1	5
<hr/>	

3.

Tens	Ones
4	3
-2	5
<hr/>	

4.

Tens	Ones
8	5
-5	7
<hr/>	

5.

Tens	Ones
7	2
-3	6
<hr/>	

6.

Tens	Ones
5	0
-3	1
<hr/>	

7.

35
<hr/>
-16

8.

40
<hr/>
-28

9.

26
<hr/>
-7

10.

52
<hr/>
-39

11.

63
<hr/>
-54

12.

91
<hr/>
-63

13.

63
<hr/>
-46

14.

45
<hr/>
-19

15.

82
<hr/>
-43

16.

71
<hr/>
-55

17.

58
<hr/>
-39

18.

32
<hr/>
-14

19.

70
<hr/>
-25

20.

64
<hr/>
-48

21.

87
<hr/>
-29

Find the answer to each word problem.

22. A group of 21 people went on a hike. There were 18 hiking club members. The rest were guests. How many guests went on the hike?

23. The hikers saw a total of 60 deer on the hike. Of them, 27 were fawns. How many adult deer were there?

# More Subtraction with Regrouping

Subtract.

1. 

Tens	Ones
8	6
-5	8
<hr/>	

2. 

Tens	Ones
5	4
-4	9
<hr/>	

3. 

Tens	Ones
9	1
-3	4
<hr/>	

4. 

Tens	Ones
3	2
-1	6
<hr/>	

5. 
$$\begin{array}{r} 40 \\ -27 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 91 \\ -56 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 35 \\ -7 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 84 \\ -39 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 22 \\ -14 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 93 \\ -34 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 74 \\ -47 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 81 \\ -73 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 55 \\ -18 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 40 \\ -15 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 28 \\ -19 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 62 \\ -33 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 34 \\ -15 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 43 \\ -26 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 90 \\ -46 \\ \hline \end{array}$$

Find the answer to each word problem.

20. Keith is 12 years old. His dad is 41 years old. How much older is Keith's dad than Keith?

21. Pat folded 64 paper cranes. She gave all but 16 away. How many did she give away?

22. A jar holds 48 ounces of peanut butter. Shiro uses 9 ounces to make some sandwiches. How much is left in the jar?

23. A sleeping bag regularly costs \$83. It is on sale for \$57. How much less does it cost on sale?

# Checking Addition and Subtraction

Add down. Check your answer by adding up.

$$\begin{array}{r} 1. \quad 32 \downarrow \quad 32 \\ 14 \downarrow \quad 14 \uparrow \\ +23 \quad +23 \uparrow \end{array}$$

$$\begin{array}{r} 2. \quad 55 \downarrow \quad 55 \\ 24 \downarrow \quad 24 \uparrow \\ +16 \quad +16 \uparrow \end{array}$$

$$\begin{array}{r} 3. \quad 28 \downarrow \quad 28 \\ 32 \downarrow \quad 32 \uparrow \\ +27 \quad +27 \uparrow \end{array}$$

$$\begin{array}{r} 4. \quad 41 \\ 27 \\ +28 \end{array}$$

$$\begin{array}{r} 5. \quad 17 \\ 56 \\ +13 \end{array}$$

$$\begin{array}{r} 6. \quad 24 \\ 38 \\ +23 \end{array}$$

$$\begin{array}{r} 7. \quad 36 \\ 19 \\ +43 \end{array}$$

$$\begin{array}{r} 8. \quad 65 \\ 7 \\ +14 \end{array}$$

Subtract. Check your answer by adding.

$$\begin{array}{r} \textcircled{S} \quad \begin{array}{r} 5 \ 14 \\ \cancel{6} \ 4 \\ -28 \\ \hline 36 \\ + \\ \hline 64 \end{array} \end{array}$$

$$\begin{array}{r} 9. \quad 93 \\ -76 \end{array}$$

$$\begin{array}{r} 10. \quad 71 \\ -45 \end{array}$$

$$\begin{array}{r} 11. \quad 50 \\ -18 \end{array}$$

$$\begin{array}{r} 12. \quad 85 \\ -39 \end{array}$$

$$\begin{array}{r} 13. \quad 82 \\ -54 \end{array}$$

$$\begin{array}{r} 14. \quad 61 \\ -27 \end{array}$$

$$\begin{array}{r} 15. \quad 23 \\ -9 \end{array}$$

$$\begin{array}{r} 16. \quad 42 \\ -16 \end{array}$$

$$\begin{array}{r} 17. \quad 90 \\ -33 \end{array}$$

Add or subtract. Check your answer.

$$\begin{array}{r} 18. \quad 18 \\ +49 \end{array}$$

$$\begin{array}{r} 19. \quad 73 \\ -35 \end{array}$$

$$\begin{array}{r} 20. \quad 45 \\ -27 \end{array}$$

$$\begin{array}{r} 21. \quad 58 \\ +36 \end{array}$$

$$\begin{array}{r} 22. \quad 82 \\ -59 \end{array}$$

$$\begin{array}{r} 23. \quad 40 \\ -24 \end{array}$$

$$\begin{array}{r} 24. \quad 22 \\ +68 \end{array}$$

$$\begin{array}{r} 25. \quad 39 \\ +34 \end{array}$$

$$\begin{array}{r} 26. \quad 91 \\ -56 \end{array}$$

$$\begin{array}{r} 27. \quad 17 \\ +28 \end{array}$$

# Problem Solving: Addition and Subtraction with Regrouping

Find the answer to each word problem. Check your answer.

1. Mr. Torres paid \$92 for a coat. Later, the coat went on sale for \$75. How much could Mr. Torres have saved by waiting for the sale?
2. There were 28 people on a bus. At the next stop, 16 more people got on. How many people were on the bus then?
3. Keshia made 45 cupcakes for a bake sale. Loretta made 35 cupcakes, and Jolene made 15 cupcakes for the sale. How many cupcakes did they make in all?
4. A parking lot has space for 53 cars. There are 39 cars parked there already. How many more cars can park in the lot?
5. There are 31 days in August. Corey rode her horse 15 of those days. How many days in August did she not ride her horse?
6. Matt sold 13 tickets to the hobby show. Kim sold 9 tickets. How many tickets did they sell altogether?
7. A box of crayons has 96 colors in it. Emmett uses 27 colors when he draws a picture. How many colors does he not use?
8. Mr. Hanes pays \$54 for an adult ticket to the ice show and \$27 for a child's ticket. How much do the two tickets cost in all?