

Subtraction

From 7 bars remove 3

$$\begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

FM2

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15

12

12

-4

-3

-7

18

19

6

-8

-9

-6

13

14

15

-3

-4

-5

18

18

18

-6

-7

-5

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Foundation Mastery Method

Set 2: Subtraction

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -11 \\ \hline \end{array}$$

FM2

Your name

Date

9

9

9

-2

-5

-7

13

15

19

-9

-8

-6

8

14

15

-2

-8

-7

8

8

8

-6

-7

-8

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Foundation Mastery Method

Set 3: Subtraction

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

$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ -8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$$

FM2

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19

14

13

-5

-7

-7

8

9

9

-7

-3

-9

15

12

15

-6

-8

-8

14

14

13

-9

-4

-6

9

13

19

-9

-9

-5

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Foundation Mastery Method

Set 4: Subtraction

Vertical Form: Sign concept

$$-2$$

$$\underline{4}$$

$$2$$

$$-2$$

$$\underline{7}$$

$$-3$$

$$\underline{7}$$

$$-5$$

$$\underline{7}$$

$$-5$$

$$\underline{6}$$

$$-4$$

$$\underline{6}$$

$$-4$$

$$\underline{4}$$

$$-3$$

$$\underline{+6}$$

$$-1$$

$$\underline{+9}$$

$$-4$$

$$\underline{+8}$$

$$-2$$

$$\underline{+9}$$

$$-3$$

$$\underline{+9}$$

FM2

Your name

Date

5

-2

-2

-4

+3

+7

-8

-9

-5

+8

+9

+6

-3

-4

-5

+3

+4

+5

8

8

8

-6

-7

-5

9

9

9

-6

-7

-4

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Set 5: Subtraction

$$\begin{array}{r} 94 \\ -81 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ -65 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ -55 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ -35 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ -71 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ -81 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ -43 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ -34 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ -24 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ -62 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -13 \\ \hline \end{array}$$

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$$\begin{array}{r} 34 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ -55 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ -53 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ -65 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ -33 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ -83 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ -13 \\ \hline \end{array}$$

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Set 6: Subtraction

$$\begin{array}{r} 47 \\ -22 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ -53 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ -90 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ -43 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ -42 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ -14 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ -14 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ -65 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ -34 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ -25 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ -44 \\ \hline \end{array}$$

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$$\begin{array}{r} 594 \\ -412 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ -103 \\ \hline \end{array}$$

$$\begin{array}{r} 202 \\ -101 \\ \hline \end{array}$$

$$\begin{array}{r} 895 \\ -84 \\ \hline \end{array}$$

$$\begin{array}{r} 993 \\ -33 \\ \hline \end{array}$$

$$\begin{array}{r} 644 \\ -622 \\ \hline \end{array}$$

$$\begin{array}{r} 333 \\ -211 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ -434 \\ \hline \end{array}$$

$$\begin{array}{r} 588 \\ -334 \\ \hline \end{array}$$

$$\begin{array}{r} 899 \\ -689 \\ \hline \end{array}$$

$$\begin{array}{r} 897 \\ -171 \\ \hline \end{array}$$

$$\begin{array}{r} 888 \\ -555 \\ \hline \end{array}$$



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Set 7: Subtraction

$8 - 4 = 4$ $6 - 3 =$ $13 - 4 =$

 $3 - 3 =$ $4 - 4 =$ $6 - 6 =$

 $16 - 4 =$ $16 - 5 =$ $14 - 2 =$

 $14 - 6 =$ $7 - 4 =$ $15 - 3 =$

 $7 - 4 =$ $15 - 2 =$ $10 - 3 =$

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$80 - 40 =$

$62 - 30 =$

$33 - 10 =$

$38 - 13 =$

$41 - 40 =$

$65 - 60 =$

$56 - 42 =$

$36 - 16 =$

$108 - 8 =$

$34 - 23 =$

$79 - 41 =$

$55 - 33 =$

$77 - 46 =$

$65 - 21 =$

$129 - 18 =$

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Set 8: Word problems

1. There are 12 boys in second grade. If there are 25 students in second grade, how many girls are there?
2. Suzanne rides 25 miles on Monday and Tuesday. How many miles does she ride on Monday if she rides 13 miles on Tuesday?
3. Scott walks 2 miles in the morning, 3 miles at noon and few miles in the evening. If he walks a total of 9 miles, how far did he walk in the evening?
4. Ali walks to his school 3 miles and then few miles to a gym. If he walks a total of 6 miles, how far is the gym from his school?
5. Ali has to read 32 pages by this morning. He read 12 pages last night, how many pages Ali has to read more?
6. There were 120 adults and 50 children in a game show. How many more adults were there than the children?
7. Rahim earned \$50 and spend \$15. How much money does he have now?

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8. Rahima earned \$35 yesterday and \$47 today. How much more did she earn today.
9. Robert earned \$25 yesterday and \$37 today. How much more did he earn today?
10. Jason bought 10 pencils; Kevin bought 3 fewer pencils than Jason. How many pencils did Kevin buy?
11. Sean has 25 marbles. He gave 12 marbles to his friend. How many did Sean have now?
12. Jena picks 18 flowers, Hannah picks 23 flowers. How many more flowers does Hannah pick?
13. Matt sees 24 duck in the pond. Few more ducks fly in. If there are 50 ducks now in the pond, how many ducks fly in the pond?
14. Matt sees 24 duck in the pond. 14 ducks fly away from the pond. How many ducks are there in the pond now?
15. Katy has 23 baseball cards, Robert has 31 baseball cards and Samantha has some baseball cards. If they have a total of 65 cards, how many baseball cards did Samantha have?
16. Kevin goes to grocery store and spends \$27. He pays the cashier with a \$50 bill. How much will be the change?
17. My brother has 50 dimes; I took 17 dimes from him. How many dimes he has now?

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18. The sum of two numbers is 65. If the smaller number is 23, what is the bigger number? How big is the bigger number?

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Set 9: Real life problems

19. Out of 300 flowers, David sold some yesterday. He has now 203 flowers. The average daily hairs fall out from your head is same as the number of flowers David sold yesterday. Find the daily hair loss.
20. The average person's hair will grow about the difference between two numbers 700 and 695 in inches per year. What is the average growth of hair per year?
21. At birth, the total number bones is 270. By the adulthood some bones get fused and this total decreases to 206. How many bones get fused together?
22. The number of bones in a human skeleton is exactly the difference between the numbers 250 and 44. How many bones are there?
23. The minimum number of body muscles is the difference between the numbers 724 and 124. Find how many minimum muscles a body can have.
24. The number of muscles in our body varies from around 640 to 850. Find the range.

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25. Mr. Jack has his wisdom teeth removed last month. He has now 30 teeth. How many wisdom teeth he has now?
26. You fly about 2020 miles from Brazil to Peru. Then next day you will fly to Mexico. If your total distance travelled is 4630 miles, find the distance you travelled from Peru to Mexico.
27. You have 45 homework questions due on Monday next week. You have plan to complete 29 questions by Friday. How many questions need to be done by the weekend so that you are all done?
28. Jackson read 23 pages from his comic book. He has to finish reading 119 pages by the weekend. How many pages left for him to read?
29. You have credit card payment of \$205.75 due soon. How much do you still need to pay if you have paid \$77 already last week?
30. You paid \$5 for each of 3 items and paid a \$20 note. How much change you are going to get?

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Set 10: **Sign numbers**

$$8 - 10 = -2$$

$$6 - 8 =$$

$$3 - 4 =$$

$$3 - 5 =$$

$$4 - 9 =$$

$$6 - 16 =$$

$$6 - 8 =$$

$$6 - 15 =$$

$$4 - 12 =$$

$$4 - 6 =$$

$$7 - 14 =$$

$$5 - 9 =$$

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$7 - 15 =$

$5 - 12 =$

$1 - 9 =$

$5 - 10 =$

$6 - 13 =$

$3 - 3 =$

$8 - 18 =$

$9 - 19 =$

$5 - 15 =$

$6 - 18 =$

$6 - 8 =$

$4 - 7 =$

$5 - 13 =$

$7 - 9 =$

$5 - 17 =$

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$$-7 + 4 =$$

$$5 - 6 =$$

$$-10 + 7 =$$

$$\begin{array}{r} 514 \\ +187 \\ \hline \end{array}$$

$$\begin{array}{r} 4574 \\ +3169 \\ \hline \end{array}$$

$$\begin{array}{r} 5202 \\ +1219 \\ \hline \end{array}$$

$$\begin{array}{r} 7795 \\ +1847 \\ \hline \end{array}$$

$$\begin{array}{r} 34993 \\ +3899 \\ \hline \end{array}$$

$$\begin{array}{r} 5611 \\ +1622 \\ \hline \end{array}$$

$$\begin{array}{r} 2333 \\ +946 \\ \hline \end{array}$$

$$\begin{array}{r} 4444 \\ +1439 \\ \hline \end{array}$$

$$\begin{array}{r} 2588 \\ +1599 \\ \hline \end{array}$$

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5897	2897	2521
<u>+ 3699</u>	<u>+ 1899</u>	<u>+ 555</u>

714	4574	5202
<u>+ 117</u>	<u>+ 3569</u>	<u>+ 2119</u>

7695	34983	5611
<u>+ 1897</u>	<u>+ 4899</u>	<u>+ 1629</u>

2333	4444	3478
<u>+ 946</u>	<u>+ 1439</u>	<u>+ 1599</u>

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$$\begin{array}{r} 5867 \\ + 3689 \\ \hline \end{array}$$

$$\begin{array}{r} 3797 \\ + 1899 \\ \hline \end{array}$$

$$\begin{array}{r} 2521 \\ + 1455 \\ \hline \end{array}$$

$$\begin{array}{r} 514 \\ - 187 \\ \hline \end{array}$$

$$\begin{array}{r} 4574 \\ - 3169 \\ \hline \end{array}$$

$$\begin{array}{r} 5202 \\ - 1219 \\ \hline \end{array}$$

$$\begin{array}{r} 7795 \\ - 1847 \\ \hline \end{array}$$

$$\begin{array}{r} 34993 \\ - 3899 \\ \hline \end{array}$$

$$\begin{array}{r} 5611 \\ - 1622 \\ \hline \end{array}$$

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2333	4444	2588
<u>-946</u>	<u>-1439</u>	<u>-1599</u>

5897	2897	2521
<u>-3699</u>	<u>-1899</u>	<u>-555</u>

714	4574	5202
<u>-117</u>	<u>-3569</u>	<u>-2119</u>

7695	34983	5611
<u>-1897</u>	<u>-4899</u>	<u>-1629</u>

FM2

Your name

Date

2333

4444

3478

-946

-1439

-1599

5867

3797

2521

-3689

-1899

-1455