

Subtraction by Estimation

Student's Name : _____

class : _____

Helpful Examples:

$$\begin{array}{r} 36 \\ - 14 \\ \hline \end{array} \rightarrow \begin{array}{r} 40 \\ - 10 \\ \hline 30 \end{array}$$

If we ROUND the numbers, we can quickly guess what the approximate answer will be.

$$\begin{aligned} &54 - (16 + 4) \\ &= 50 - (20 + 0) \\ &= 50 - 20 = 30 \end{aligned}$$

54 is closer to 50. 16 is closer to 20 and 4 is less than 5, so, we change it to zero.

Now it's practice time. Subtract using estimation. Show your estimations:

1.
$$\begin{array}{r} 33 \\ - 23 \\ \hline \end{array} \rightarrow \begin{array}{r} 30 \\ - 20 \\ \hline 10 \end{array}$$

2.
$$\begin{array}{r} 95 \\ - 35 \\ \hline \end{array} \rightarrow \underline{\hspace{2cm}}$$

3.
$$\begin{array}{r} 48 \\ - 25 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 74 \\ - 18 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 67 \\ - 56 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 82 \\ - 19 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 58 \\ - 19 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 72 \\ - 33 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 93 \\ - 14 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 46 \\ - 32 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 76 \\ - 25 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 82 \\ - 9 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 55 \\ - 42 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 18 \\ - 7 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 64 \\ - 35 \\ \hline \end{array}$$

15. $86 - (35 + 4)$

16. $94 - (11 + 41)$

17. $78 - (28 + 13)$

18. $73 - (18 + 13)$

19. $30 - (13 + 5)$

20. $57 - (17 + 14)$

21. $64 - (5 + 40)$

22. $88 - (16 + 8)$

23. $91 - (18 + 22)$