

## Homework



Name: \_\_\_\_\_

**Learning Outcome:** Apply and explain multiple strategies to determine sums and differences on 2-digit numbers, with and without regrouping.

**Real World Application:** The most common way we use addition and subtraction in our daily lives is in the exchange of money for goods at stores and restaurants. When we compare the numbers of items in sets, as in who has more, we use subtraction. When we look for total numbers of items in sets, we use addition.

## Operations with Number Lines

## Number Line Addition

Strategy: Use the number line to help you add.



- |                                  |                                 |                                 |
|----------------------------------|---------------------------------|---------------------------------|
| a. $53 + 8 = \underline{\quad}$  | e. $50 + 5 = \underline{\quad}$ | i. $54 + 9 = \underline{\quad}$ |
| b. $61 + 6 = \underline{\quad}$  | f. $71 + 3 = \underline{\quad}$ | j. $63 + 7 = \underline{\quad}$ |
| c. $58 + 10 = \underline{\quad}$ | g. $67 + 4 = \underline{\quad}$ | k. $66 + 2 = \underline{\quad}$ |
| d. $65 + 7 = \underline{\quad}$  | h. $70 + 2 = \underline{\quad}$ | l. $72 + 1 = \underline{\quad}$ |

## Number Line Subtraction

Strategy: Use the number line to help you subtract.



- |                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|
| a. $82 - 4 = \underline{\quad}$ | e. $98 - 6 = \underline{\quad}$ | i. $99 - 3 = \underline{\quad}$ |
| b. $79 - 3 = \underline{\quad}$ | f. $85 - 7 = \underline{\quad}$ | j. $90 - 9 = \underline{\quad}$ |
| c. $94 - 8 = \underline{\quad}$ | g. $78 - 2 = \underline{\quad}$ | k. $84 - 8 = \underline{\quad}$ |
| d. $86 - 5 = \underline{\quad}$ | h. $80 - 4 = \underline{\quad}$ | l. $77 - 2 = \underline{\quad}$ |



Name: \_\_\_\_\_

## Adding with Base Ten B

a. 
$$\begin{array}{r} 23 \\ + 8 \\ \hline \end{array}$$

tens	ones

b. 
$$\begin{array}{r} 47 \\ + 15 \\ \hline \end{array}$$

tens	ones

c. 
$$\begin{array}{r} 62 \\ + 29 \\ \hline \end{array}$$

tens	ones

d. 
$$\begin{array}{r} 37 \\ + 24 \\ \hline \end{array}$$

tens	ones

e. 
$$\begin{array}{r} 18 \\ + 78 \\ \hline \end{array}$$

tens	ones

f. 
$$\begin{array}{r} 25 \\ + 45 \\ \hline \end{array}$$

tens	ones

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

tens	ones

h. 
$$\begin{array}{r} 49 \\ + 36 \\ \hline \end{array}$$

tens	ones



Name: \_\_\_\_\_

## Show Your Strategy—Subtract

Find each difference using any strategy you like.  
Write your work.



a.  $51 - 20 = \underline{\hspace{2cm}}$

b.  $30 - 14 = \underline{\hspace{2cm}}$

c.  $27 - 15 = \underline{\hspace{2cm}}$

d.  $62 - 47 = \underline{\hspace{2cm}}$

e.  $68 - 33 = \underline{\hspace{2cm}}$

f.  $73 - 58 = \underline{\hspace{2cm}}$

## Student Activity



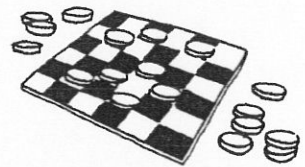
8. In our class there are 8 jars. In the grade three class there are 9. How many jars are in the two classes?



9. In our school there are 17 teachers. 11 of them are women. How many are men?



10. Curtis had 4 games. Michael had 6 games. Bobi had 4 games. How many games did they have altogether?



# Student Activity



Name: \_\_\_\_\_

## Hidden Picture

6	96	96	96	96	96	96	96	96	96	64	64	64	64	64	64	32	32	32	96	32	24
3	63	63	63	63	63	63	63	64	64	64	64	64	25	25	32	32	96	96	32	24	
3	24	72	99	99	72	99	72	99	99	99	99	99	25	25	65	65	96	96	65	24	
3	24	72	72	72	72	72	72	34	34	34	34	34	34	34	25	25	25	25	25	65	24
3	24	72	72	72	34	34	34	34	34	34	34	34	34	34	25	25	25	25	25	65	24
3	47	47	26	26	26	47	47	26	26	81	81	81	81	81	81	81	81	81	81	65	24
3	47	47	26	47	47	26	26	47	47	26	90	90	90	90	26	90	90	26	52	52	
3	24	62	89	89	89	89	89	89	89	89	37	37	37	37	52	52	52	52	65	24	
3	24	62	62	89	89	80	80	89	89	42	42	42	42	48	48	52	52	48	65	24	

Find the sums. Shade in the boxes with the answers to find the hidden picture.

$$\begin{array}{r} 35 \\ + 61 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 56 \\ + 7 \\ \hline \end{array}$$

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

d. 
$$\begin{array}{r} 72 \\ + 17 \\ \hline \end{array}$$

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

$$\begin{array}{r} 56 \\ + 16 \\ \hline \end{array}$$

g. 
$$\begin{array}{r} 19 \\ + 28 \\ \hline \end{array}$$

h. 
$$\begin{array}{r} 68 \\ + 22 \\ \hline \end{array}$$

i. 
$$\begin{array}{r} 25 \\ + 27 \\ \hline \end{array}$$

j. 
$$\begin{array}{r} 47 \\ + 34 \\ \hline \end{array}$$

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

$$\begin{array}{r} \text{b. } 66 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c. } 27 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d. } 68 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e. } 59 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f. } 48 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g. } 98 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h. } 49 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i. } 80 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} \text{j. } 39 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} \text{k. } 58 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} \text{l. } 26 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m. } 97 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} \text{n. } 54 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} \text{o. } 45 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} \text{p. } 74 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} \text{q. } 65 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} \text{r. } 67 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} \text{s. } 98 \\ - 92 \\ \hline \end{array}$$

$$\begin{array}{r} \text{t. } 99 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} \text{u. } 57 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} \text{v. } 48 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} \text{w. } 57 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} \text{x. } 86 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} \text{aa. } 93 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} \text{bb. } 92 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} \text{cc. } 45 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} \text{dd. } 39 \\ - 16 \\ \hline \end{array}$$