

Name _____

Date _____

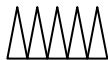
Add and Subtract within 20 - Step-by-Step Lessons

Lesson 1 Add and subtract two- digit numbers.

A) 15

$+ 17$

Fill in the missing numbers in the addition problem below.



$$\underline{\hspace{2cm}} + 4 = 5 + \underline{\hspace{2cm}}$$

B) 20

$- 14$

Fill in the missing numbers in the subtraction problem below.



$$\underline{\hspace{2cm}} - 3 = 9 - \underline{\hspace{2cm}}$$

Explanation:

Step 1) First we look what is being asked.

Add two given numbers.



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Step 2) Addition portion: To join two or more numbers (or quantities) to get one number we add them (called the sum or total).

For example:

Horizontal addition: $10 + 5 = 15$

Vertical addition- 10
(no carrying) $\begin{array}{r} 10 \\ +5 \\ \hline 15 \end{array}$

Vertical addition- 15
(carrying) $\begin{array}{r} 15 \\ +5 \\ \hline 20 \end{array}$

A) 32

$$\underline{6} + 4 = 5 + \underline{5}$$

Step 3) Subtraction portion:

To take one quantity away from another.

Horizontal subtraction- $10 - 5 = 5$

Vertical subtraction- 10
 $\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$

B) 6

$$\underline{6} - 3 = 9 - \underline{6}$$

