

Name: Key

4th Grade Notes 2.1B Adding Mentally Using Properties p. 61

Pairs of 10

$$\underline{1} + \underline{9}$$

$$\underline{2} + \underline{8}$$

$$\underline{3} + \underline{7}$$

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

$$\underline{5} + \underline{5}$$

Ex: $\underline{12} + \underline{28} = \underline{40}$

(tens) $\underline{10} + \underline{20} = \underline{30}$

and add another $\underline{+10}$

40

(ones) from $\underline{2} + \underline{8}$

Ex: $21 + 29 = \underline{50}$

(tens) $\underline{20} + \underline{20} = \underline{40}$

(ones) $\underline{1} + \underline{9} = \underline{+10}$

50

In Your Head:

1. look for a pair of ten
2. pull out the pair and add
3. add the extra numbers

Ex: $24 + 56 = \underline{80}$

$$42 + 88 = \underline{130}$$

$$\underline{12} + \underline{13} + \underline{28} = \underline{53}$$

$$\begin{array}{r} 12 + 28 = 40 \\ + 13 \leftarrow \\ \hline 53 \end{array}$$

On HW:

$$24 + 17 + 36 = 77 \text{ (rest in head)}$$

$$23 + 67 = \underline{90}$$

$$28 + 62 = \underline{90}$$

$$\underline{24} + \underline{17} + \underline{36} = \underline{77}$$

$$\begin{array}{r} 24 + 36 = 60 \\ + 17 \leftarrow \\ \hline 77 \end{array}$$