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LESSON 8-4

More Partial Differences: Regrouping

 [MA.3.NSO.2.1](#), [MA.3.AR.1.2](#), [MTR.4.1](#), [MTR.5.1](#), [MTR.7.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Estimate the difference and then use partial differences to subtract.

$$\begin{array}{r} 914 \\ - 482 \\ \hline 432 \end{array}$$

To estimate, round 914 to 910, round 482 to 480, and subtract the rounded numbers:
 $910 - 480 = 430$.

To subtract 482 from 914, use partial differences and regroup as needed.

Subtract 2 ones: $914 - 2 = 912$.

Subtract 1 ten: $912 - 10 = 902$.

Regroup 1 hundred as 10 tens, then subtract 7 more tens: $902 - 70 = 832$.

Subtract 4 hundreds: $832 - 400 = 432$.

Processing math: 100%

HOME ACTIVITY

Subtraction Art

MATERIALS

Paper, Pencil, Markers, Scissors

ACTIVITY

Ask your child to illustrate how to subtract $48 - 34$. They can draw pictures, draw place-value blocks, cut out place-value blocks to manipulate, or use another method they invent. For example, your child might draw four groups of 10 smile emojis and 8 individual emojis on the left side of the paper. Then draw three groups of 10 smile emojis and 4 individual emojis on the right side of the page. Ask them to describe or show how this illustration helps with subtraction. Now ask your child to draw a different illustration to show $48 - 39$. They might cut out place-value blocks to show each number and then model how they regroup the tens by cutting one of the tens into 10 ones before subtracting.