

Homework

On a separate sheet of paper, sketch a rectangle for each problem and solve using any method. Round and estimate to check your answer.

1. $5 \times 4,751$ _____

2. $7 \times 6,000$ _____

3. $6 \times 5,214$ _____

4. $8 \times 3,867$ _____

5. Describe the steps you used for one of your solutions to Exercises 1–4.

A fourth grade class is counting the supplies in the school's art closet. Help them to finish their count.

Show your work.

6. They have 6 rolls of white craft paper. The paper on the rolls is 1,275 feet long. How many feet of craft paper do they have altogether?

7. They counted 592 boxes of color pencils and 468 boxes of markers. If each box holds 8 pencils or markers, how many color pencils and markers do they have altogether?

8. They found 9 boxes of glass beads. There are 1,376 beads per box. How many glass beads do they have in all?

9. They found 7 cases of sketching paper. If each case has 2,500 sheets of paper, how many sheets of sketching paper do they have in all?

Remembering**Add or subtract.**

$$\begin{array}{r} 1. \quad 82,905 \\ - 81,927 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 53,742 \\ + 93,587 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 400,000 \\ - 162,947 \\ \hline \end{array}$$

Solve.*Show your work.*

4. Marta bought 18 sheets of stickers for her sticker album. Each sheet contained 32 stickers. How many stickers did Marta buy for her sticker album?

Draw a rectangle model. Solve using any method that relates to the model.

5. $3 \times 2,816$ _____

6. $7 \times 1,578$ _____

7. **Stretch Your Thinking** Zoe rounded $6 \times 8,493$ to $6 \times 8,000$. Andrew rounded $6 \times 8,493$ to $6 \times 9,000$. Who will have an estimate closer to the actual product? How do you know? Explain another way to estimate $6 \times 8,493$ that would give a better estimate.
