

SOLVING DIVISION STORY PROBLEMS USING A LABELED SKETCH

Name: _____

Directions: For each division story problem below, solve the multiplication menus and complete the division problem using a labeled sketch to show your thinking.

1. Mrs. Knowles baked 22 cookies for her four nieces. If the four nieces share the cookies equally, how much will they each get?

Labeled Sketch	Complete the Multiplication Menu
	$4 \times 1 = \underline{\quad}$ $4 \times 6 = \underline{\quad}$ $4 \times 2 = \underline{\quad}$ $4 \times 7 = \underline{\quad}$ $4 \times 3 = \underline{\quad}$ $4 \times 8 = \underline{\quad}$ $4 \times 4 = \underline{\quad}$ $4 \times 9 = \underline{\quad}$ $4 \times 5 = \underline{\quad}$ $4 \times 10 = \underline{\quad}$

2. There are 34 students going on a field trip to a museum. They plan to car pool, if each vehicle can carry six students, how many vehicles will they need for the field trip?

Labeled Sketch	Complete the Multiplication Menu
	$6 \times 1 = \underline{\quad}$ $6 \times 6 = \underline{\quad}$ $6 \times 2 = \underline{\quad}$ $6 \times 7 = \underline{\quad}$ $6 \times 3 = \underline{\quad}$ $6 \times 8 = \underline{\quad}$ $6 \times 4 = \underline{\quad}$ $6 \times 9 = \underline{\quad}$ $6 \times 5 = \underline{\quad}$ $6 \times 10 = \underline{\quad}$

3. Joe, John, and Steve received 25 comic books from their uncle as a gift. They want to divide the comic books equally so that they each have the same amount. How many comic books will each boy get?

Labeled Sketch	Complete the Multiplication Menu
	$3 \times 1 = \underline{\quad\quad\quad}$ $3 \times 6 = \underline{\quad\quad\quad}$ $3 \times 2 = \underline{\quad\quad\quad}$ $3 \times 7 = \underline{\quad\quad\quad}$ $3 \times 3 = \underline{\quad\quad\quad}$ $3 \times 8 = \underline{\quad\quad\quad}$ $3 \times 4 = \underline{\quad\quad\quad}$ $3 \times 9 = \underline{\quad\quad\quad}$ $3 \times 5 = \underline{\quad\quad\quad}$ $3 \times 10 = \underline{\quad\quad\quad}$

4. Four friends shoveled driveways together to make extra money. Together they earned \$38. How much did each friend get if they split the money equally?

Labeled Sketch	Complete the Multiplication Menu
	$4 \times 1 = \underline{\quad\quad\quad}$ $4 \times 6 = \underline{\quad\quad\quad}$ $4 \times 2 = \underline{\quad\quad\quad}$ $4 \times 7 = \underline{\quad\quad\quad}$ $4 \times 3 = \underline{\quad\quad\quad}$ $4 \times 8 = \underline{\quad\quad\quad}$ $4 \times 4 = \underline{\quad\quad\quad}$ $4 \times 9 = \underline{\quad\quad\quad}$ $4 \times 5 = \underline{\quad\quad\quad}$ $4 \times 10 = \underline{\quad\quad\quad}$

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Name: _____

Directions: For each division story problem below, solve the multiplication menus and complete the division problem using a labeled sketch to show your thinking.

1. Two teachers wanted to have their classrooms work on a school project together. They have 58 students in all and want to have their student work in groups of 4. How many groups of 4 will there be?

Labeled Sketch	Complete the Multiplication Menu
	$4 \times 2 = \underline{\quad}$ $4 \times 8 = \underline{\quad}$ $4 \times 3 = \underline{\quad}$ $4 \times 9 = \underline{\quad}$ $4 \times 5 = \underline{\quad}$ $4 \times 10 = \underline{\quad}$ $4 \times 6 = \underline{\quad}$ $4 \times 12 = \underline{\quad}$ $4 \times 7 = \underline{\quad}$ $4 \times 15 = \underline{\quad}$

2. Mrs. Larsen has 50 little erasers. She wants to divide the erasers evenly among the 3 students in her reading group. How many erasers will each student get?

Labeled Sketch	Complete the Multiplication Menu
	$3 \times 2 = \underline{\quad}$ $3 \times 8 = \underline{\quad}$ $3 \times 3 = \underline{\quad}$ $3 \times 9 = \underline{\quad}$ $3 \times 5 = \underline{\quad}$ $3 \times 10 = \underline{\quad}$ $3 \times 6 = \underline{\quad}$ $3 \times 12 = \underline{\quad}$ $3 \times 7 = \underline{\quad}$ $3 \times 15 = \underline{\quad}$

3. Frank had 64 shells that he wanted to share with his 4 friends. If he gave each friend the same number of shells (and kept the same number of shells for himself), how many shells did each person get?

Numerical Method for Division	Complete the Multiplication Menu
	$5 \times 2 = \underline{\quad\quad}$ $5 \times 8 = \underline{\quad\quad}$ $5 \times 3 = \underline{\quad\quad}$ $5 \times 9 = \underline{\quad\quad}$ $5 \times 5 = \underline{\quad\quad}$ $5 \times 10 = \underline{\quad\quad}$ $5 \times 6 = \underline{\quad\quad}$ $5 \times 12 = \underline{\quad\quad}$ $5 \times 7 = \underline{\quad\quad}$ $5 \times 25 = \underline{\quad\quad}$

4. Two grandchildren received 25 comic books from their grandfather and want to share them equally. How many comic books will each child get?

Numerical Method for Division	Complete the Multiplication Menu
	$2 \times 2 = \underline{\quad\quad}$ $2 \times 8 = \underline{\quad\quad}$ $2 \times 3 = \underline{\quad\quad}$ $2 \times 9 = \underline{\quad\quad}$ $2 \times 5 = \underline{\quad\quad}$ $2 \times 10 = \underline{\quad\quad}$ $2 \times 6 = \underline{\quad\quad}$ $2 \times 12 = \underline{\quad\quad}$ $2 \times 7 = \underline{\quad\quad}$ $2 \times 15 = \underline{\quad\quad}$