

Name: _____ Partner Name _____

Numerical Expression Collaborative Quiz

Direction: Work with your partner. Each person should complete their own paper. Help each other. Show your work. I want to see your "thinking on paper."

1. Evaluate the expression below:

$$8 \times 2 + 4 - 3 \times 2^2$$

2. Evaluate the expression below:

$$6 + 5 - (6 + 4) \div 2 + 3^3$$

3. Match each expression to its description by placing the correct letter next to the expression.

1. $2 \times (3 + 3) + 4$ ____	A. Paul has 3 aunts. One aunt has 2 children; one aunt has five children, and the other aunt has three children. He also has two uncles. Each uncle has two children. How many cousins does Paul have?
2. $5 \times 30 + 45 + 60$ ____	B. Li practices his piano for 30 minutes each day from Monday through Friday. Then he practices 30 minutes plus an extra 15 minutes on Saturday. He practices at his lesson on Sunday for 60 minutes.
3. $2 + 5 + 3 + (2 \times 2)$ ____	C. Jill and Amy each have three children and 2 parents in their families. When they pack snack, they pack 2 snacks for each child and one for each parent.

4. Use words to describe a school situation below. Then write an expression that describes the same situation.

Word Description:

5.
Numerical Expression

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6. Write an equation for the expression above.

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7. Write three inequalities and/or equations that show your age compared to the ages of other people in your family.
