Sample: Change it up Math Worksheet

My brother enjoys variety and having math worksheets include multiple concepts kept my brother interested. He would do a worksheet (like the examples below) in about 10-15 minutes and would be very quiet and focused, showing he was interested in it.

Each of the concepts in the worksheet would be taught by examples and breaking it down — refer to the Breaking Down worksheet to see more.

I would change the order of the worksheet every day so he does not get bored or get stuck in a specific pattern.

Two examples of worksheets on the following pages:

Sample Math Worksheet #1

Algebra (Note: I don't use blanks instead of variables as they are easier to understand and process than letters of the alphabet that have multiple meanings)

8 + ___ = 15	6 X ___ = 24
9 X ___ = 54	5 X ___ = 25
6 + ___ = 17	8 X ___ = 24
3 X ___ = 15	12 X ___ = 72

Ratios

11 cookies = $33	12 cones = $24
1 cookie = ____	1 cone = ____
8 cookies = ____	8 cones = ____
3 lollipops = $3	5 chips = $20
1 lollipop = ____	1 chips = ____
10 lollipops = ____	8 chips = ____

Fill in the sequence

___ , 6 , ___, 12 , ___, 18, ___

1, ___, 3, ___, 5, ___, 7, ___

5, ___, 15, ___, 25, ___, 35

Sample Math Worksheet #2

Ratios

6 shirts = $36
1 shirt = ____
7 shirts = ____

5 garlic breads = $15
1 garlic bread = ____
9 garlic breads = ____

8 candy canes = $8
1 candy cane = ____
9 candy canes = ____

6 pastas = $48
1 pasta = ____
7 pastas = ____

Fill in the sequence

6, ___, 18, ___, 30, ___, 42

___, 4 , ___, 8, ___, 12, ___

7, ___, 21, ___, 35, ___, 49

Algebra

9 + ___ = 16
5 X ___ = 35
8 X ___ = 64
3 + ___ = 12

9 + ___ = 18
6 X ___ = 36
9 X ___ = 81
12 + ___ = 18