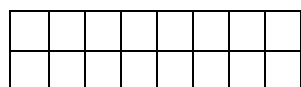


October Number Talks for 3rd Grade

Week 1 Focus: Multiplication with the Distributive Property using an array model

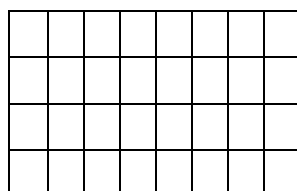
*As strategies are shared for each problem, use cm grid paper to draw the appropriate array and how it connects to the previous problem. Here are a few examples for Day 1.

Day 1: 2×8



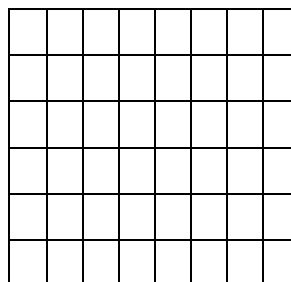
4×8

$(2 \times 8) + (2 \times 8)$
OR $(4 \times 4) + (4 \times 4)$
Or



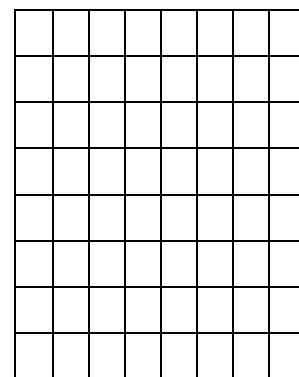
6×8

$(2 \times 8) + (2 \times 8) + (2 \times 8)$
OR $(2 \times 8) + (4 \times 8)$ OR
 $(3 \times 8) + (3 \times 8)$ OR . . .



8×8

How can we break
this problem into
easier problems?



Day 2: 5×5

2×5

5×7

Day 3: 2×12

4×12

5×12

Week 2 Focus: Multiplication with Distributive Property using an array model

Day 1: 2×6

5×6

6×6

Day 2: 2×5

10×5

12×5

Day 3: 2×9

4×9

8×9

Week 3 Focus: Multiplication with Distributive Property using an array model

Day 1: 2×15

4×5

4×10

4×15

Day 2: 3×10

3×6

3×16

Day 3: 5×4

5×10

5×14

Week 4 Focus: Multiplication with Landmarks/\$

Day 1: 2×25

4×25

6×25

Day 2: 2×25

4×25

9×25

Day 3: 2×50

4×50

8×50

Week 5 Focus: Multiplication with Rounding up to next 10 and connecting to an array model

Day 1: 3×5

3×10

3×9

Day 2: 7×5

7×10

7×9

Day 3: 5×10

5×20

5×19