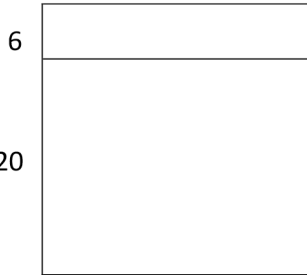Name _____   Date _____

1. Express 26 × 43 as two partial products using the distributive property. Solve.

43

6

20

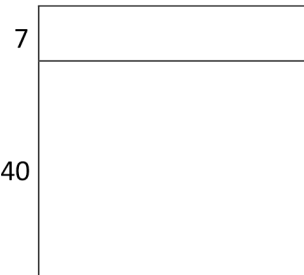26 × 43 = (_____ forty-threes) + (_____ forty-threes)

$$\begin{array}{r} 4\ 3 \\ \times\quad 2\ 6 \\ \hline \end{array}$$

_____   6 × _____

_____   20 × _____

2. Express 47 × 63 as two partial products using the distributive property. Solve.

63

7

40

47 × 63 = (_____ sixty-threes) + (_____ sixty-threes)

$$\begin{array}{r} 6\ 3 \\ \times\quad 4\ 7 \\ \hline \end{array}$$

_____   _____ × _____

_____   _____ × _____

3. Express 54 × 67 as two partial products using the distributive property.
    Solve.
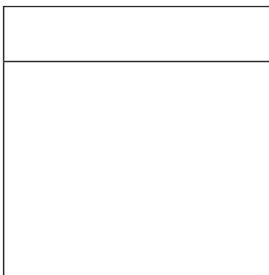
54 × 67 = (___×_____) + (___×_____)

$$\begin{array}{r} 6\ 7 \\ \times\quad 5\ 4 \\ \hline \end{array}$$

_____   _____ × _____

_____   _____ × _____

4. Solve the following using two partial products.

```
        5 2
   ×    3 4
   ─────────
   _____      ____ × ____
   _____
   _____       ____ × _____
```

5. Solve using the multiplication algorithm.

```
        8 6
   ×    5 6
   ─────────
   _____      _____ × _____
   _____
   _____       _____ × _____
```

6. 54×52

7. 44×76

8. 63×63

9. 68×79

Answer Key

1. 6 × 43, 20 × 43; 6, 20; 258, 43; 860, 43; 1,118

2. 7 × 63, 40 × 63; 7, 40; 441, 7, 63; 2,520, 40, 63; 2,961

3. 4 × 67, 50 × 67; 4, 67, 50, 67; 268, 4, 67; 3,350, 50, 67; 3,618

4. 208, 4, 52; 1,560, 30, 52; 1,768

5. 516, 6, 86; 4,300, 50, 86; 4,816

6. 2,808

7. 3,344

8. 3,969

9. 5,372