Name Jack Date _____

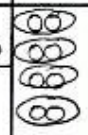
Directions: Represent the following problem by drawing disks in the place value chart.

1. **To solve 20 × 40, think:**

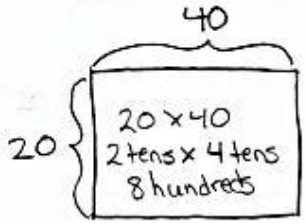
   (2 tens × 4) × 10 = 800

   20 × (4 × 10) = 800

   20 × 40 = 800

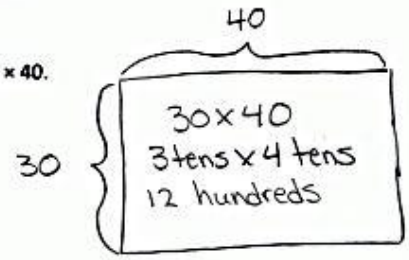
Hundreds	Tens	Ones
		

2. **Draw an area model to represent 20 × 40.**



2 tens × 4 tens = 8 hundreds

3. **Draw an area model to represent 30 × 40.**



3 tens × 4 tens = 12 hundreds

30 × 40 = 1200

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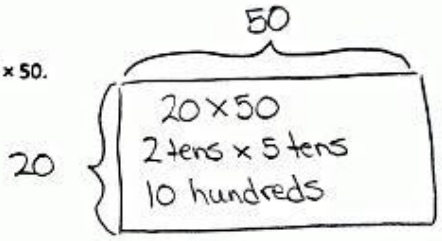
4. Draw an area model to represent 20 × 50.



2 tens × 5 tens = 10 hundreds

20 × 50 = 1,000

Directions: Rewrite each equation in unit form and solve.

5. 20 × 20 = 400

2 tens × 2 tens = 4 hundreds

6. 60 × 20 = 1,200

6 tens × 2 tens = 12 hundreds

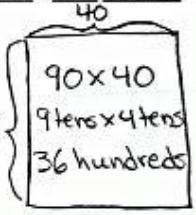
7. 70 × 20 = 1,400

7 tens × 2 tens = 14 hundreds

8. 70 × 30 = 2,100

7 tens × 3 tens = 21 hundreds

9. If there are 40 seats per row, how many seats are in 90 rows?



9 tens × 4 tens = 36 hundreds
= 3,600

There are 3,600 seats in 90 rows.

10. One ticket to the symphony costs $50. How much money is collected ~~if~~ 80 tickets are sold?

80 × 50
8 tens × 5 tens = 40 hundreds
= 4,000

$4,000 is collected if 80 tickets are sold.

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