

Name Jack Date _____

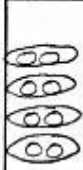
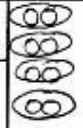
Directions: Represent the following problem by drawing disks in the place value chart.

1. To solve 20×40 , think:

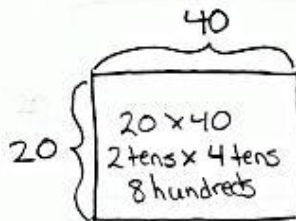
$(2 \text{ tens} \times 4) \times 10 = \underline{800}$

$20 \times (4 \times 10) = \underline{800}$

$20 \times 40 = \underline{800}$

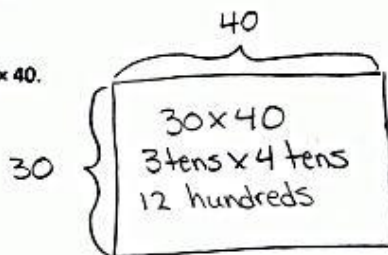
Hundreds	Tens	Ones
	$\times 10 \leftarrow$ 	

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



$2 \text{ tens} \times 4 \text{ tens} = \underline{8 \text{ hundreds}}$

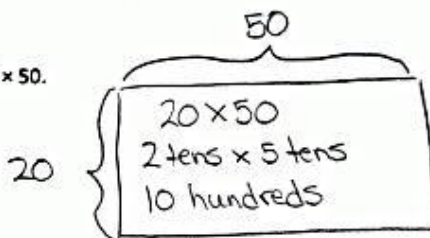
3. Draw an area model to represent 30×40 .



$3 \text{ tens} \times 4 \text{ tens} = \underline{12 \text{ hundreds}}$

$30 \times 40 = \underline{1200}$

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



$2 \text{ tens} \times 5 \text{ tens} = \underline{10 \text{ hundreds}}$

$20 \times 50 = \underline{1000}$

Directions: Rewrite each equation in unit form and solve.

5. $20 \times 20 = \underline{400}$

$2 \text{ tens} \times 2 \text{ tens} = \underline{4} \text{ hundreds}$

6. $60 \times 20 = \underline{1200}$

$6 \text{ tens} \times 2 \text{ tens} = \underline{12} \text{ hundreds}$

7. $70 \times 20 = \underline{1400}$

$\underline{7} \text{ tens} \times \underline{2} \text{ tens} = \underline{14} \text{ hundreds}$

8. $70 \times 30 = \underline{2100}$

$\underline{7} \text{ tens} \times \underline{3} \text{ tens} = \underline{21} \text{ hundreds}$

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

$9 \text{ tens} \times 4 \text{ tens} = 36 \text{ hundreds}$
 $= 3600$



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
 $8 \text{ tens} \times 5 \text{ tens} = 40 \text{ hundreds}$
 $= 4000$

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

