

Name _____

Date _____

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

1. To solve 30×60 , think:

$$(3 \text{ tens} \times 6) \times 10 = \underline{\hspace{2cm}}$$

$$30 \times (6 \times 10) = \underline{\hspace{2cm}}$$

$$30 \times 60 = \underline{\hspace{2cm}}$$

hundreds	tens	ones

2. Draw an area model to represent 30×60 .

$$3 \text{ tens} \times 6 \text{ tens} = \underline{\hspace{1cm}} \underline{\hspace{1cm}}$$

3. Draw an area model to represent 20×20 .

$$2 \text{ tens} \times 2 \text{ tens} = \underline{\hspace{1cm}} \underline{\hspace{1cm}}$$

$$20 \times 20 = \underline{\hspace{2cm}}$$

4. Draw an area model to represent 40×60 .

$$4 \text{ tens} \times 6 \text{ tens} = \underline{\hspace{2cm}}$$

$$40 \times 60 = \underline{\hspace{2cm}}$$

Rewrite each equation in unit form and solve.

5. $50 \times 20 = \underline{\hspace{2cm}}$

6. $30 \times 50 =$

$5 \text{ tens} \times 2 \text{ tens} = \underline{\hspace{1cm}}$ hundreds

$3 \text{ tens} \times 5 \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ hundreds

7. $60 \times 20 =$

8. $40 \times 70 =$

$\underline{\hspace{1cm}}$ tens \times $\underline{\hspace{1cm}}$ tens = $12 \underline{\hspace{2cm}}$

$\underline{\hspace{1cm}} \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ hundreds

9. There are 60 seconds in a minute and 60 minutes in an hour. How many seconds are in one hour?

10. To print a comic book, 50 pieces of paper are needed. How many pieces of paper are needed to print 40 comic books?

Answer Key

1. Disks drawn; 1,800; 1,800; 1,800
2. Area model drawn; 18 hundreds
3. Area model drawn; 4 hundreds; 400
4. Area model drawn; 24 hundreds; 2,400
5. 1,000, 10
6. 1,500; tens; 15
7. 1,200; 6; 2; hundreds
8. 2,800; 4 tens; 7 tens; 28
9. 3,600 seconds
10. 2,000 pieces of paper