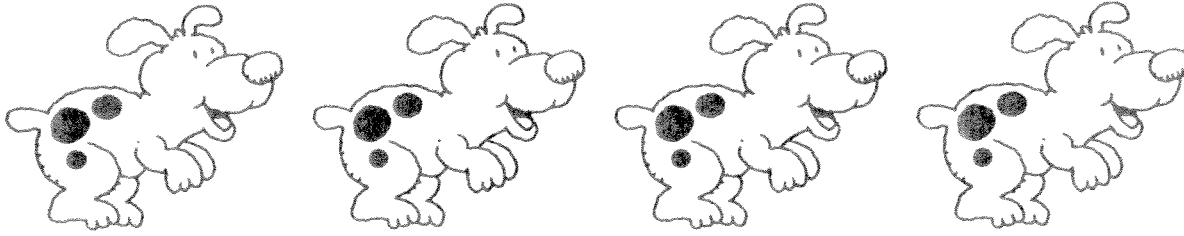


Name \_\_\_\_\_

# Puppies and Kittens

**E 12-1**  
**NUMBER SENSE**

Look at the pictures. Write how many in all.



1. How many legs?

2. How many spots?

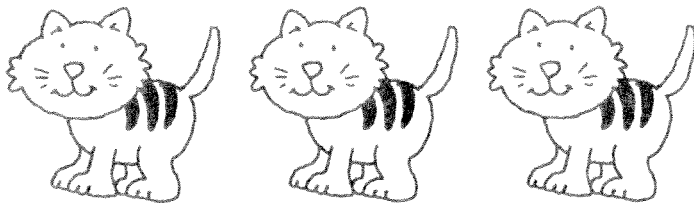
\_\_\_\_\_ groups of \_\_\_\_\_ legs

\_\_\_\_\_ groups of \_\_\_\_\_ spots

\_\_\_\_\_ legs in all

\_\_\_\_\_ spots in all

---



3. How many tails?

4. How many stripes?

\_\_\_\_\_ groups of \_\_\_\_\_ tail

\_\_\_\_\_ groups of \_\_\_\_\_ stripes

\_\_\_\_\_ tails in all

\_\_\_\_\_ stripes in all

---

5. Draw a picture. Write your own problem to go with the picture.

\_\_\_\_\_

\_\_\_\_\_

---



# Ball Toss

3 children toss balls into baskets. Write number sentences that tell how many balls are tossed in all.

1.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

2.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

3.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

4. Use the clues to match the name of each child to the correct ball toss above. Write the number of tosses each child made.

Louis tosses as many balls as Rita.

Rita tosses 4 more balls than Bill.

Louis \_\_\_\_\_ Rita \_\_\_\_\_ Bill \_\_\_\_\_

Name \_\_\_\_\_

# An Array of Arrays

E 12-3  
VISUAL THINKING

Color an array for each product below.

Write the multiplication sentence.

1. Red: Color an array for 8 in all.

$$\underline{\quad} \times \underline{\quad} = 8$$

2. Blue: Color an array for 10 in all.

$$\underline{\quad} \times \underline{\quad} = 10$$

3. Green: Color an array for 12 in all.

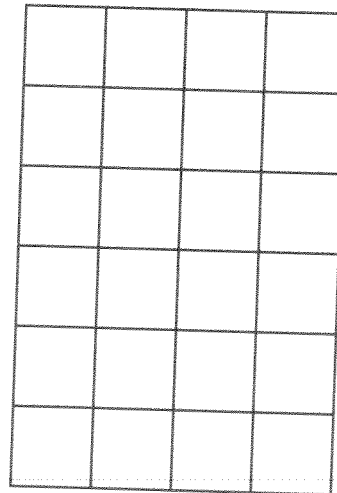
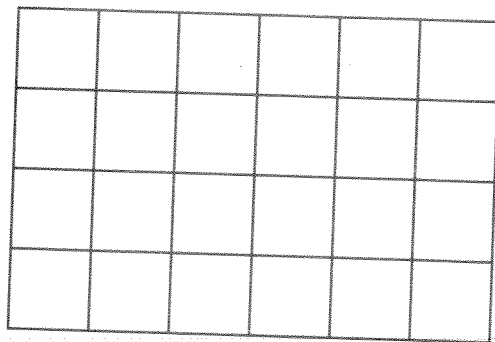
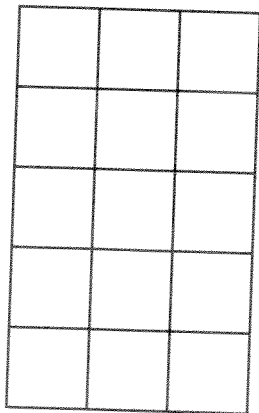
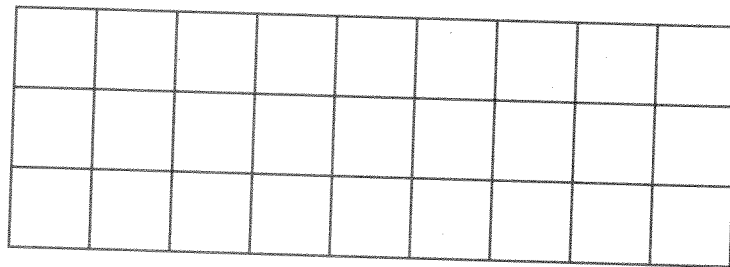
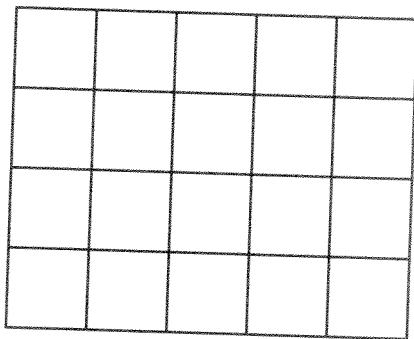
$$\underline{\quad} \times \underline{\quad} = 12$$

4. Yellow: Color an array for 15 in all.

$$\underline{\quad} \times \underline{\quad} = 15$$

5. Orange: Color an array for 16 in all.

$$\underline{\quad} \times \underline{\quad} = 16$$



# Multiplication Match

Complete each number sentence. Then draw a line from the number sentence in Column A to the matching number sentence in Column B.

## Column A

1.  $4 \times 1 = \underline{\quad}$

2.  $3 \times 6 = \underline{\quad}$

3.  $2 \times 5 = \underline{\quad}$

4.  $7 \times 2 = \underline{\quad}$

5.  $6 \times 2 = \underline{\quad}$

6.  $4 \times 2 = \underline{\quad}$

7.  $3 \times 5 = \underline{\quad}$

8.  $6 \times 4 = \underline{\quad}$

9.  $1 \times 7 = \underline{\quad}$

## Column B

$5 \times 2 = \underline{\quad}$

$2 \times 4 = \underline{\quad}$

$1 \times 4 = \underline{\quad}$

$6 \times 3 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$2 \times 7 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$7 \times 1 = \underline{\quad}$

$4 \times 6 = \underline{\quad}$

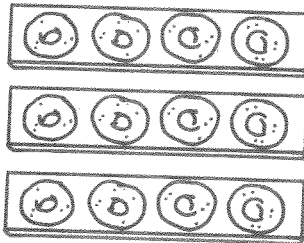
Name \_\_\_\_\_

# At the Bakery

**E 12-5**  
**VISUAL THINKING**

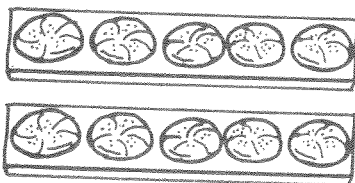
Multiply. Then draw lines to match each picture with 2 different multiplication facts.

1.  $2 \times 5 =$  \_\_\_\_\_



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

2.  $1 \times 6 =$  \_\_\_\_\_



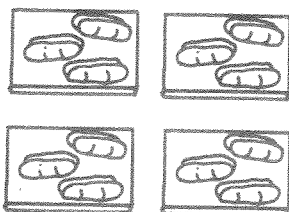
$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

3.  $3 \times 4 =$  \_\_\_\_\_



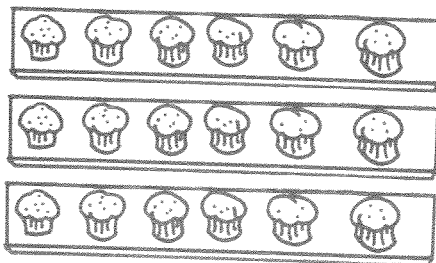
$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

4.  $3 \times 6 =$  \_\_\_\_\_



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

5.  $4 \times 3 =$  \_\_\_\_\_



$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

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Name \_\_\_\_\_

# At the Hobby Store

**E 12-6**  
**DECISION MAKING**

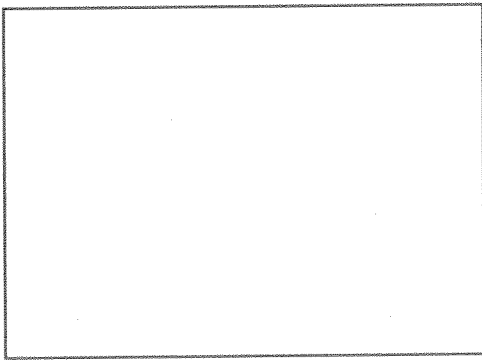
Draw 4 window displays for Mr. Morgan's Hobby Store.

Choose a group of items to draw in each window.

Write a multiplication sentence for each.

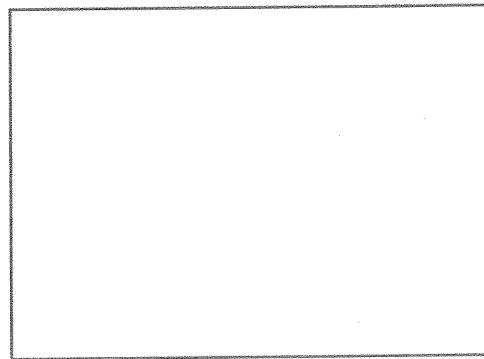
balls: 4 rows, 3 balls in each	crayon boxes: 3 rows, 3 crayon boxes in each	paint jars: 4 rows, 4 paint jars in each
blocks: 5 rows, 3 blocks in each	rolls of ribbon: 2 rows, 3 rolls of ribbon in each	spools of thread: 2 rows, 4 spools of thread in each

1.



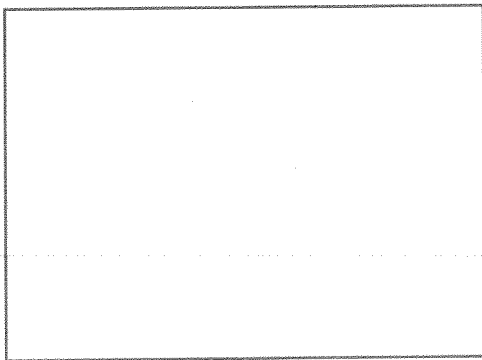
\_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_

2.



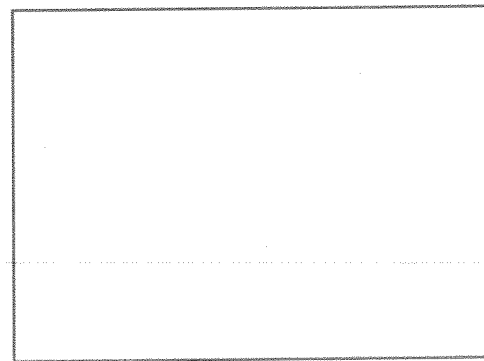
\_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_

3.



\_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_

4.



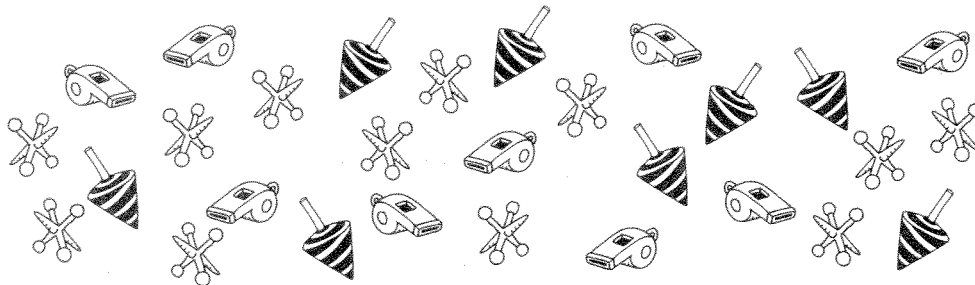
\_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_

Name \_\_\_\_\_

# Party Time

**E 12-7**  
**VISUAL THINKING**

Sue is putting these toys into bags. She wants to make equal shares. Draw the equal shares. Write how many toys go in each bag.



1. Sue puts the jacks in 3 bags.

How many jacks are in each bag?

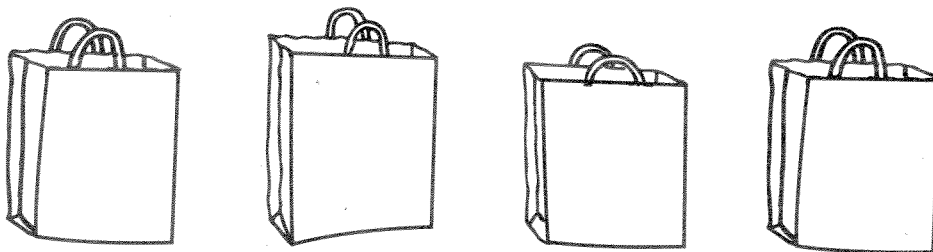
\_\_\_\_\_ jacks



2. Sue puts the tops in 4 bags.

How many are in each bag?

\_\_\_\_\_ tops



3. Sue puts the whistles in 3 bags.

How many are in each bag?

\_\_\_\_\_ whistles





Name \_\_\_\_\_

# At the Farmer's Market

Draw the fruit in boxes to show equal groups.  
Then write a division sentence.

1. There are 12 oranges in all.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

2. There are 8 apples in all.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

3. There are 9 tomatoes in all.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

4. There are 6 watermelons in all.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

Name \_\_\_\_\_

# At the Supermarket

Decide if you will add, subtract, multiply, or divide to solve each problem. Write the number sentence to solve the problem.

1. Charlene has 5 rows of soup cans with 4 in each row.  
How many soup cans are there?

$$\square \circ \square = \square$$

\_\_\_\_\_ soup cans

2. There are 12 boxes of cereal in one carton. Mr. Mooney puts 6 boxes on a shelf. How many cereal boxes are still in the carton?

$$\square \circ \square = \square$$

\_\_\_\_\_ cereal boxes

3. Will puts an equal number of steaks in 2 bins. There are 10 steaks in all.  
How many steaks go in each bin?

$$\square \circ \square = \square$$

\_\_\_\_\_ steaks

4. There are 16 loaves of bread in a box. Mrs. Melon buys 4 loaves. How many loaves of bread are left in the box?

$$\square \circ \square = \square$$

\_\_\_\_\_ loaves of bread

Name \_\_\_\_\_

# Arithmetic Airport

**E 12-10**  
**MENTAL MATH**

Use mental math to solve.

1. Christy has 20 pounds of luggage.  
Martin has twice as many pounds of  
luggage as she does. How many pounds  
does Martin have? \_\_\_\_\_ pounds

---

2. The waiting area has 3 rows of seats.  
There are 6 seats in each row. How many  
seats are there in all? \_\_\_\_\_ seats

---

3. Glen waits in line to board the plane.  
There are 25 people in the line.  
Glen is fourth in line. How many people  
are behind him? \_\_\_\_\_ people

---

4. There are 16 sandwiches and 4 trays  
at the snack bar. Ms. Marshall puts an  
equal number of sandwiches on each tray.  
How many sandwiches go on each tray? \_\_\_\_\_ sandwiches

---

5. Write your own math problem about the airport.  
Give it to a friend to solve.

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