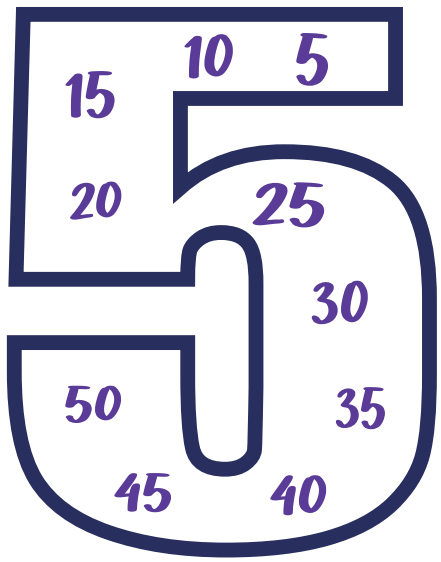
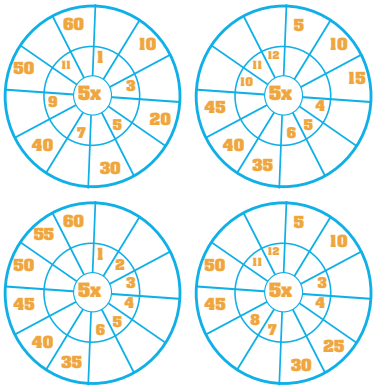
MULTIPLYING by 5

WORK BOOKLET

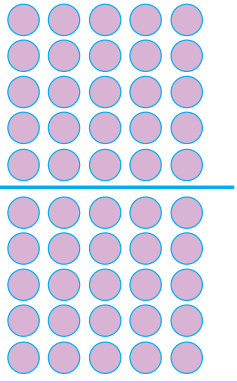
MULTIPLES OF 5



MULTIPLICATION WHEELS



5 x 6 is half of 10 x 6
10 x 6 = 60



Hint: Half of 10 fact.

MULTIPLES OF FIVE

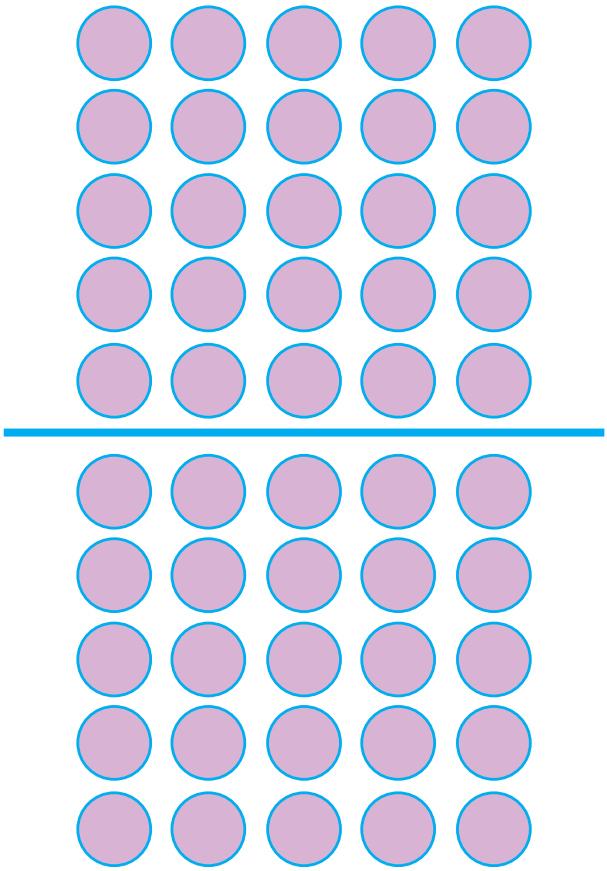
STRATEGY POSTER

When multiplying by 5

Half of 10 fact

5 x 6 is half of 10 x 6

10 x 6 = 60



Hint: Half of 10 fact.

MULTIPLICATION

$$5 \times 6 = 30$$



FACTOR FACTOR PRODUCT

MULTIPLES OF FIVE

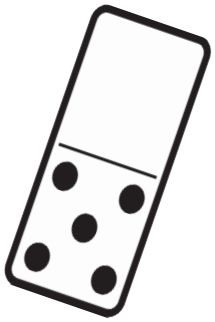
5 10 15

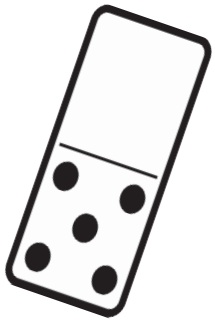
20 25 30

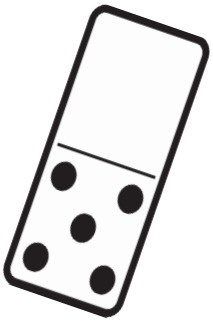
35 40 45

50 55 60

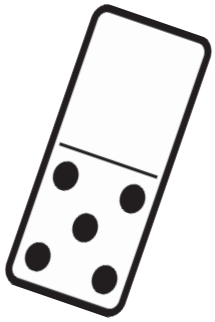
MULTIPLES OF FIVE

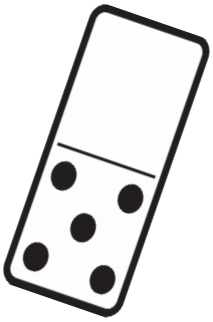
5 

10 

15 

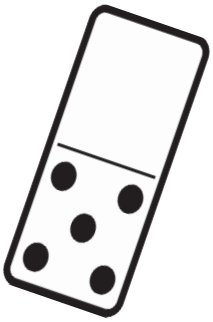
20 

25 

30 

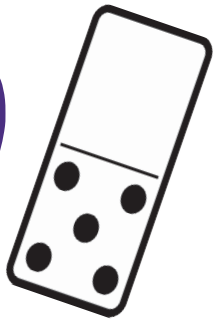
35 

40 

45 

50 

55 

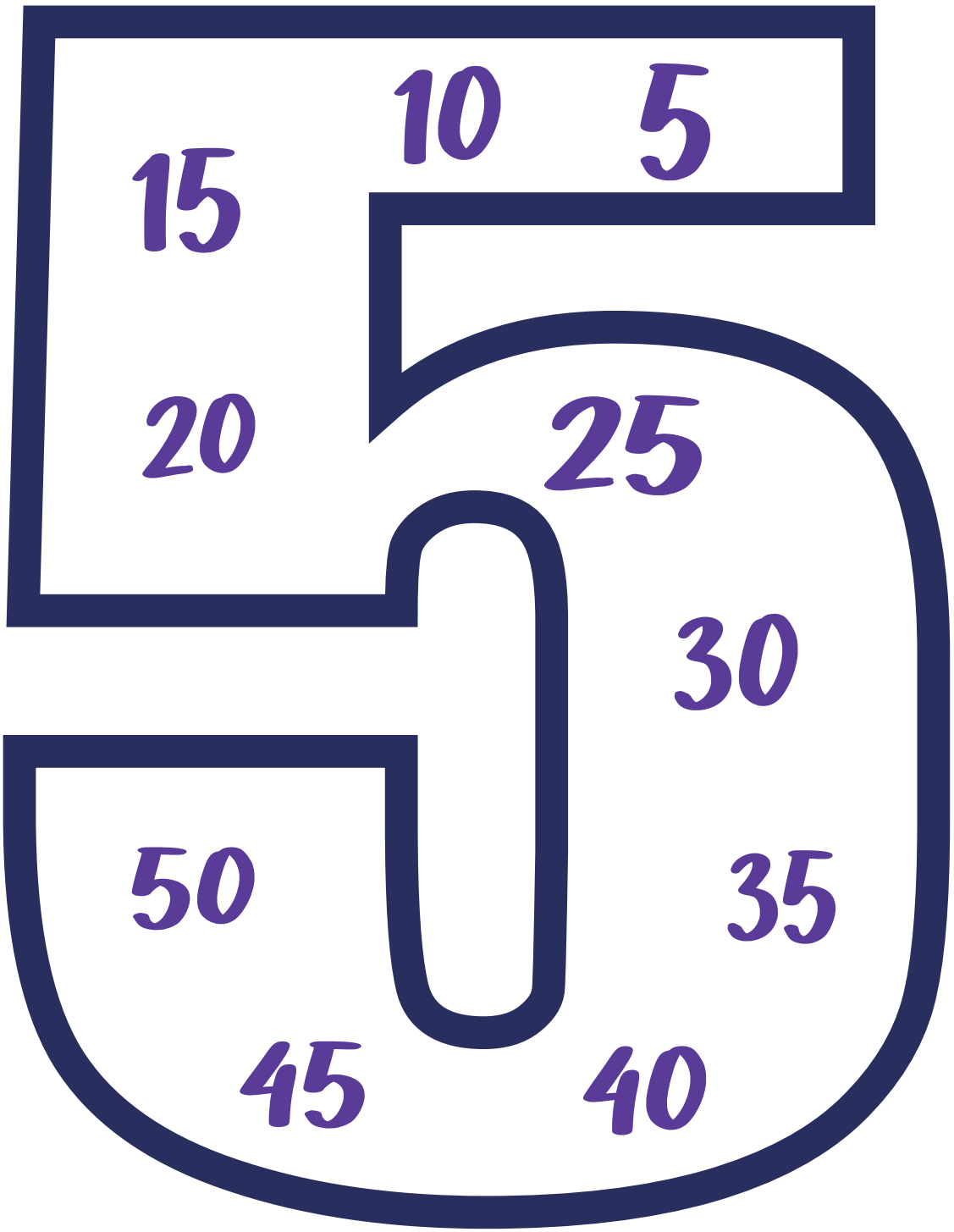
60 

wwww

PICTURING THE MATH

GROUP THERE ARE 5 ARMS ON EACH STARFISH	COUNT BY SEQUENCE	MULTIPLICATION EQUATION
If you have 2 starfish, how many arms would you have? 	5, 10	5 x 2 = 10
If you have 6 starfish, how many arms would you have? 	5, 10, 15, 20, 25, 30	5 x 6 = 30
If you have 8 starfish, how many arms would you have? 		
If you have 4 starfish, how many arms would you have? 		
If you have 10 starfish, how many arms would you have? 		

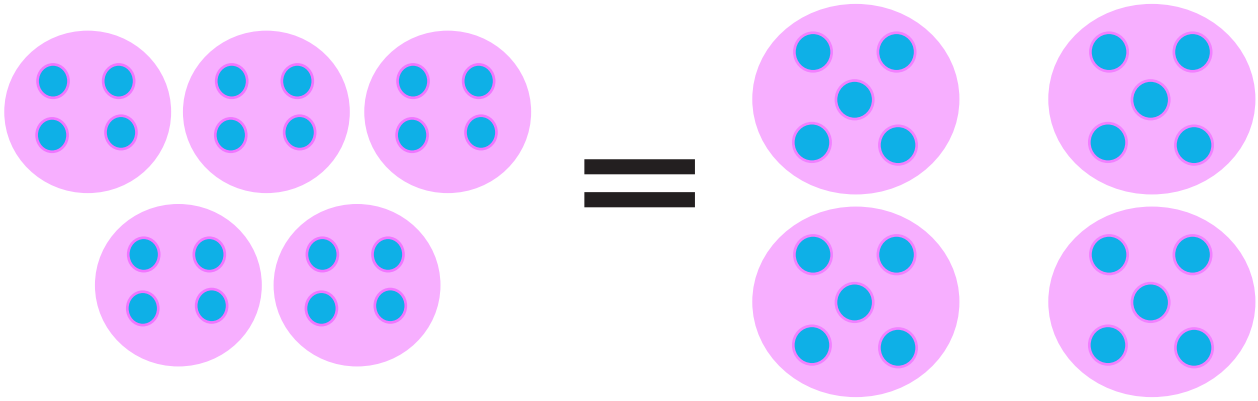
MULTIPLES OF 5



VOCABULARY

COMMUTATIVE PROPERTY

5 x 4 = 4 x 5

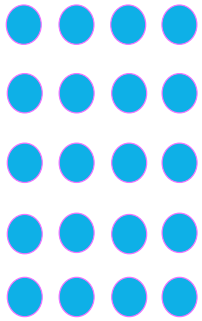


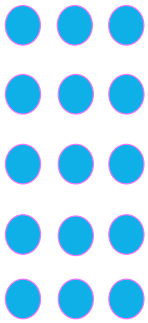
MODEL THE FACTS

5 x 7 = 7 x 5	5 x 1 = 1 x 5

DISTRIBUTIVE PROPERTY

5 x 7





5 x 4 | **5 x 3**

MODEL THE FACTS

5 x 8 = (_x_) + (_x_)

There are other to ways to model this as well.

ASSOCIATIVE PROPERTY

5 x 3 x 2

5 x 6 or 3 x 10

MODEL THE FACTS

5 x 1 x 5 = ___ x ___

5 x 5 x 5 = ___ x ___

5 x 2 x 5 = ___ x ___

These are examples. There are other answers.

FREE CHOICE

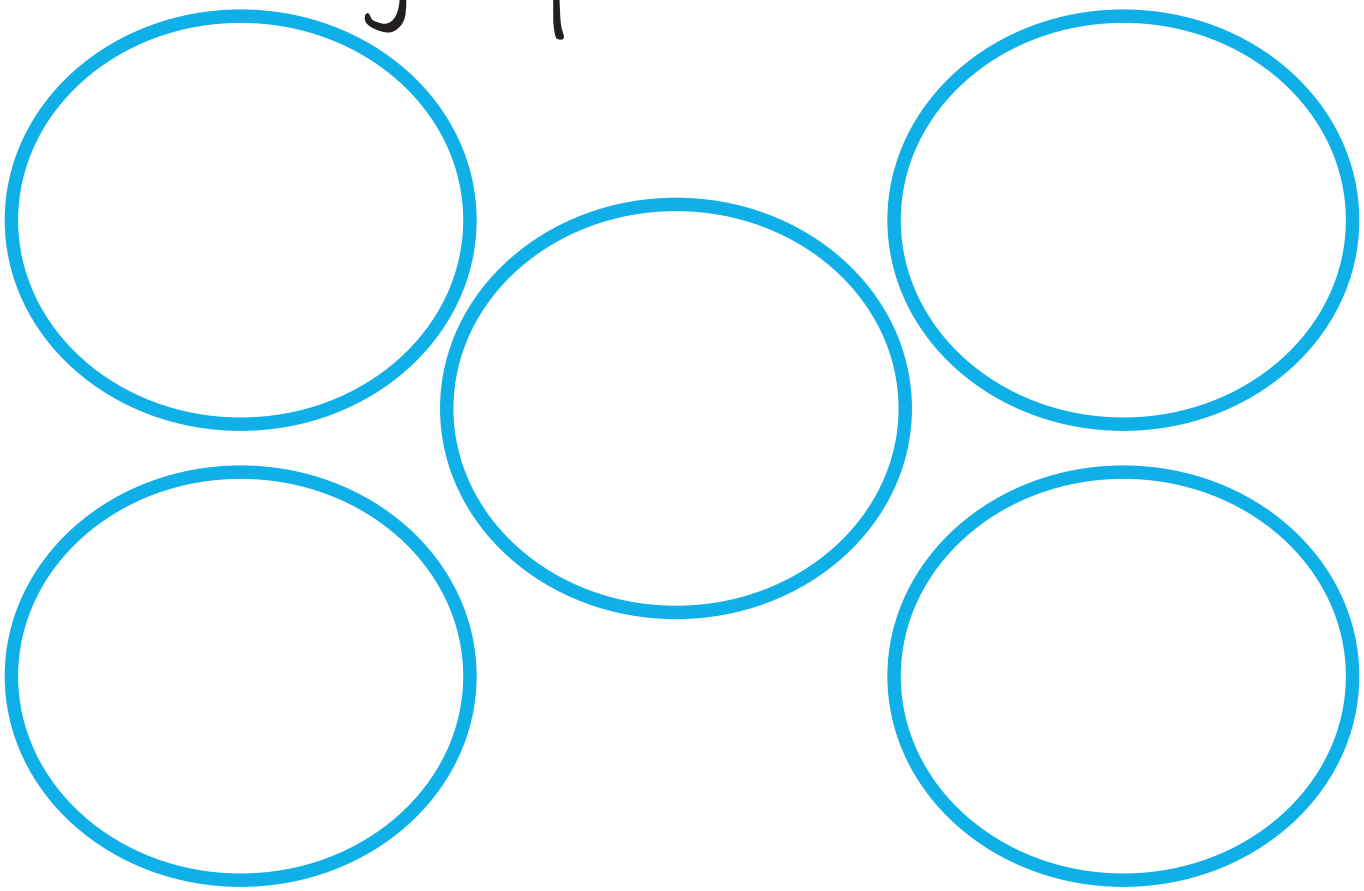
___ x ___ x ___ = ___ x ___

ZERO PROPERTY

When you multiply by zero you get zero..

Zero groups of anything is zero

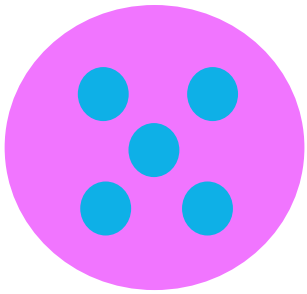
5 groups of **0** is **0**



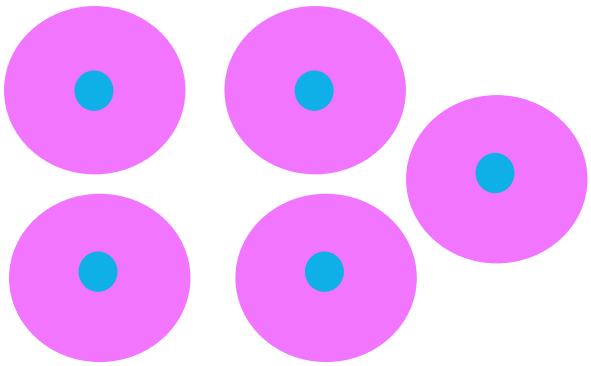
IDENTITY PROPERTY

When you multiply by 1...
you get that number

1 group of 5 is 5

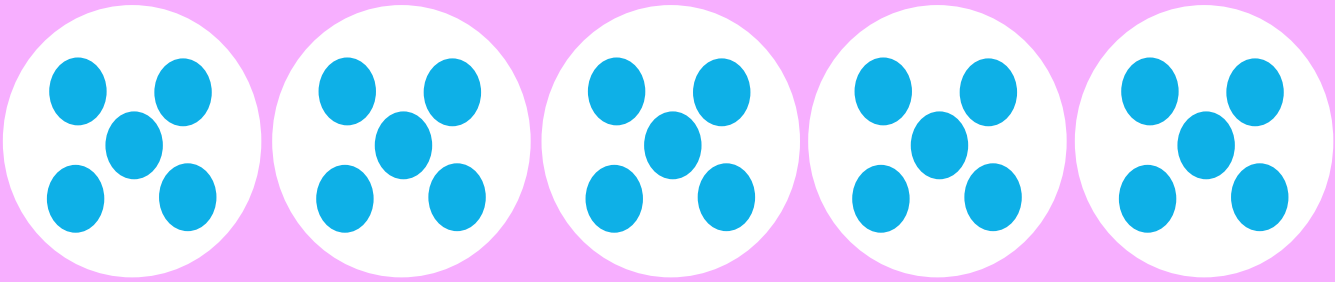


5 groups of 1 is 5



Modeling Multiplication

DRAW EQUAL GROUPS



5 X 5

5 X 1	5 X 2

5 X 3	5 X 4

Modeling Multiplication

DRAW EQUAL GROUPS

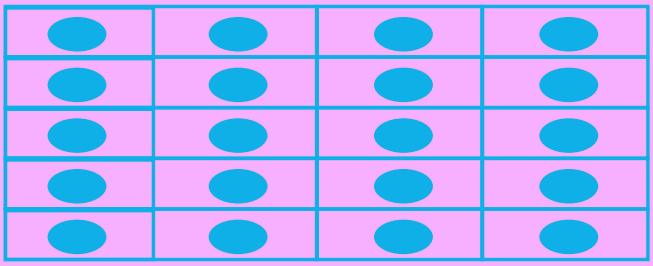
5 X 5	5 X 6
5 X 7	**5 X 8**
5 X 9	**5 X 10**
FREE CHOICE	**FREE CHOICE**

Modeling Multiplication

DRAW AN ARRAY

5 groups of 4

5 x 4 = ?



DRAW AN ARRAY

5 x 1

5 x 2

5 x 3

5 x 4

Modeling Multiplication

DRAW AN ARRAY

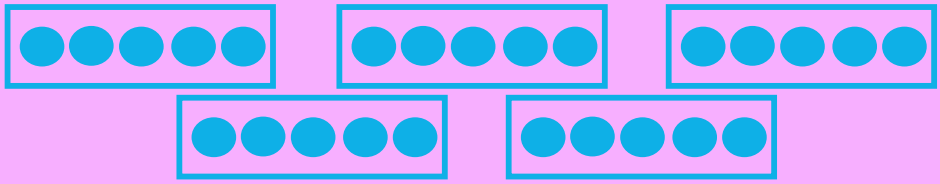
5 x 5	**5 x 6**
5 x 7	**5 x 8**
5 x 9	**5 x 10**
FREE CHOICE	**FREE CHOICE**

Multiplication Strategies:

REPEATED ADDITION

5 groups of 5

5 + 5 + 5 + 5 + 5= 25



5 x 5 = 25

MODEL THE REPEATED ADDITION SENTENCE

5 x 1 =
1 + 1 + 1 + 1 + 1

5 x 2 =
2 + 2 + 2 + 2 + 2

5 x 3 =
3 + 3 + 3 + 3 + 3

5 x 4 =
4 + 4 + 4 + 4 + 4

Multiplication Strategies:
REPEATED ADDITION

5 x 5 =

5 + 5 + 5 + 5 + 5

5 x 6 =

6 + 6 + 6 + 6 + 6

5 x 7 =

7 + 7 + 7 + 7 + 7

5 x 8 =

8 + 8 + 8 + 8 + 8

5 x 9 =

9 + 9 + 9 + 9 + 9

5 x 10 =

10 + 10 + 10 + 10 + 10

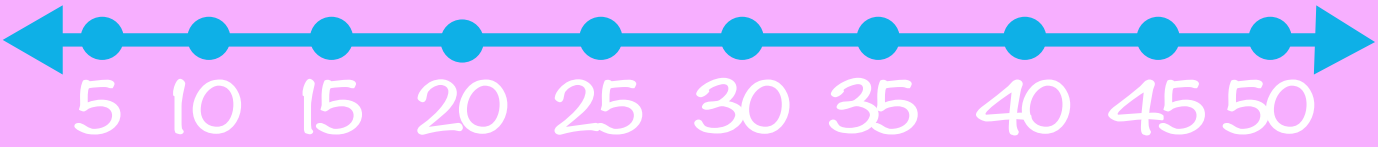
FREE CHOICE

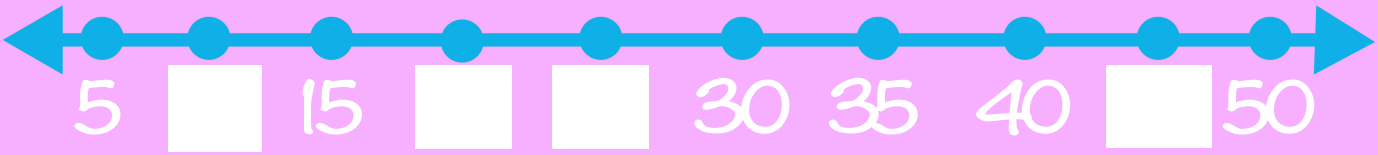
FREE CHOICE

Modeling Multiplication

SKIP COUNTING

DRAW ON A NUMBER LINE





FILL IN THE MISSING NUMBERS

5		15		25		35			50

		15		25		35			50

Modeling Multiplication

SKIP COUNTING

FILL IN THE MISSING NUMBERS

5		15		25		35			50

FILL IN THE MISSING NUMBERS

	10		20	25		35		45	

FILL IN THE MISSING NUMBERS

	10		20		30		40		50

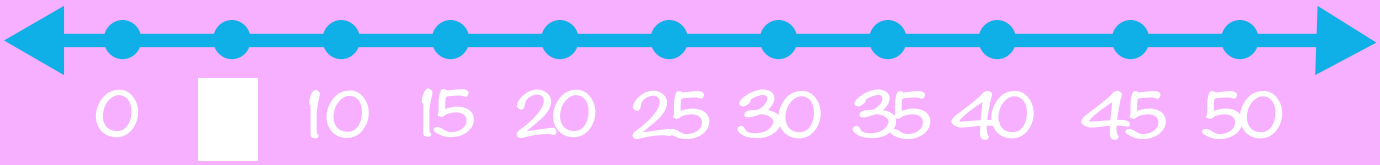
FILL IN THE MISSING NUMBERS

5		15		25		35		45	

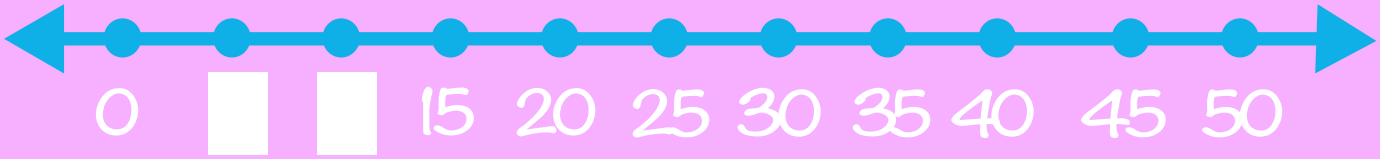
Modeling Multiplication

SKIP COUNTING

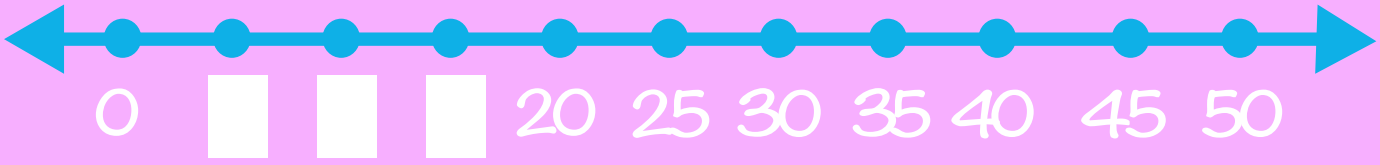
FILL IN THE MISSING NUMBERS. MODEL 5 x 1 ON THE NUMBER LINE.



FILL IN THE MISSING NUMBERS. MODEL 5 x 2 ON THE NUMBER LINE.



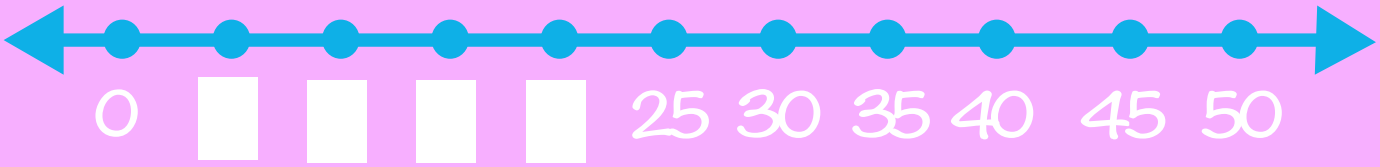
FILL IN THE MISSING NUMBERS. MODEL 5 x 3 ON THE NUMBER LINE.



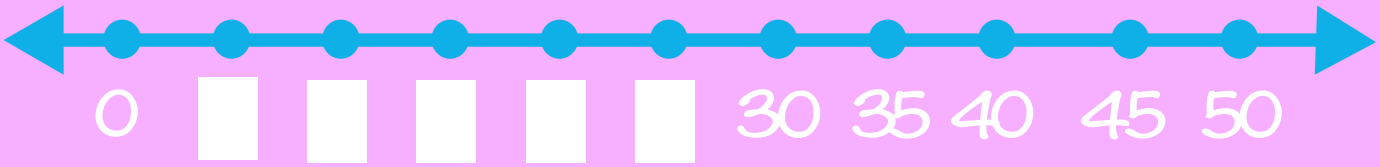
Modeling Multiplication

SKIP COUNTING

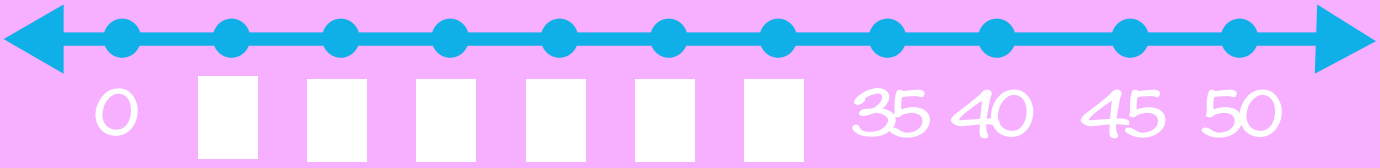
FILL IN THE MISSING NUMBERS. MODEL 5 x 4 ON THE NUMBER LINE.



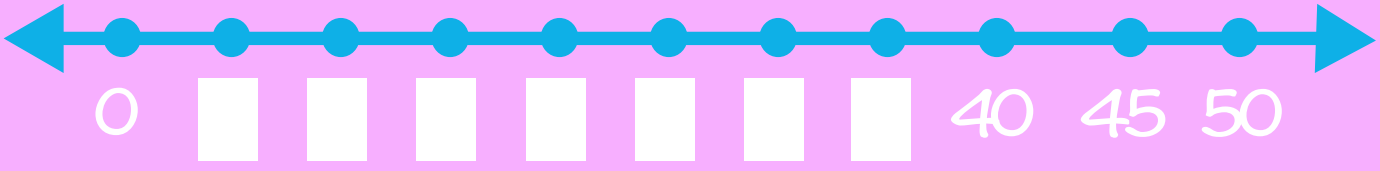
FILL IN THE MISSING NUMBERS. MODEL 5 x 5 ON THE NUMBER LINE.



FILL IN THE MISSING NUMBERS. MODEL 5 x 6 ON THE NUMBER LINE.



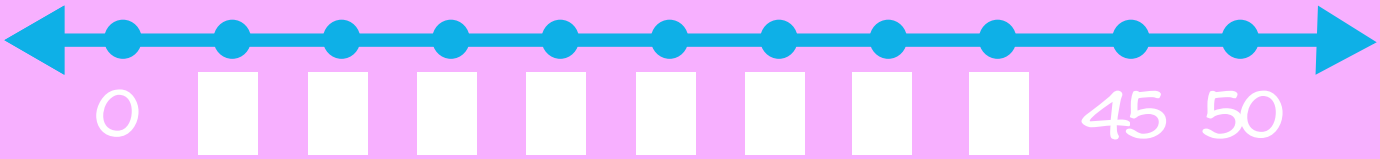
FILL IN THE MISSING NUMBERS. MODEL 5 x 7 ON THE NUMBER LINE.



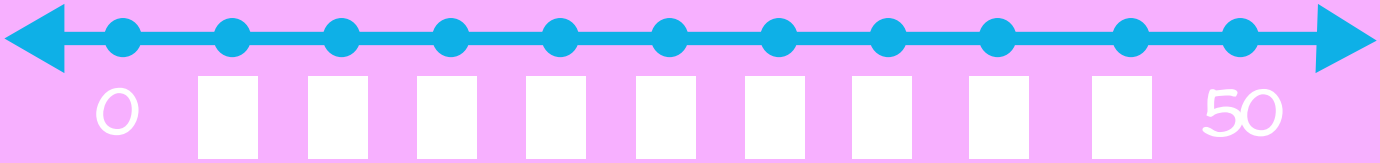
Modeling Multiplication

SKIP COUNTING

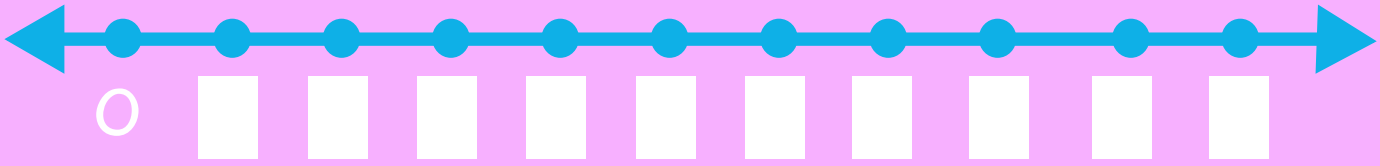
FILL IN THE MISSING NUMBERS. MODEL 5 x 8 ON THE NUMBER LINE.



FILL IN THE MISSING NUMBERS. MODEL 5 x 9 ON THE NUMBER LINE.

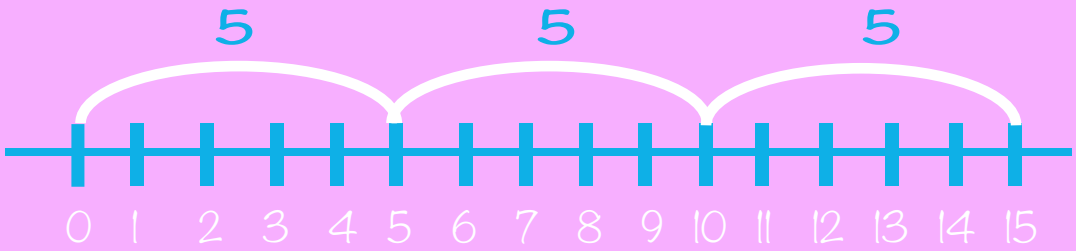


FILL IN THE MISSING NUMBERS. MODEL 5 x 10 ON THE NUMBER LINE.



Multiplication Strategies:

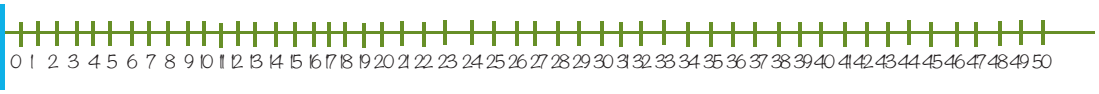
SKIP COUNTING ON THE NUMBER LINE



5 x 3

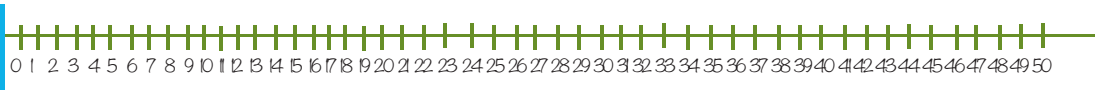
SOLVE THE PROBLEM ON THE NUMBER LINE

5 x 2



5 x 3

5 x 4

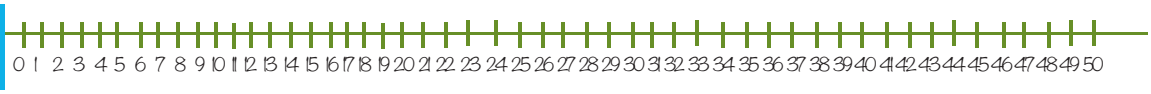


5 x 5

SOLVE THE PROBLEM ON THE NUMBER LINE

5 x 6

5 x 7



5 x 8

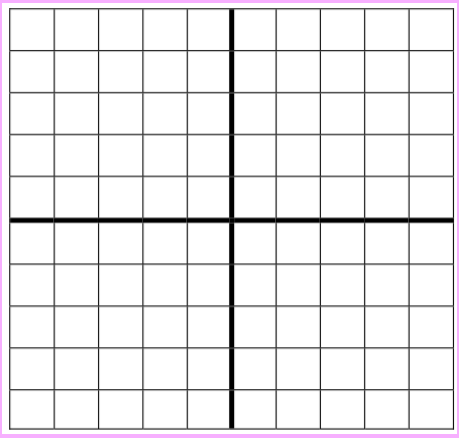
5 x 9

5 x 10

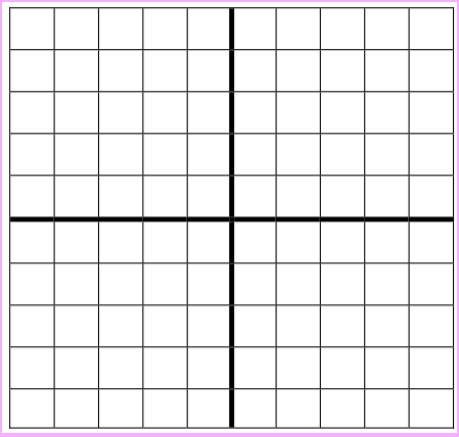
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

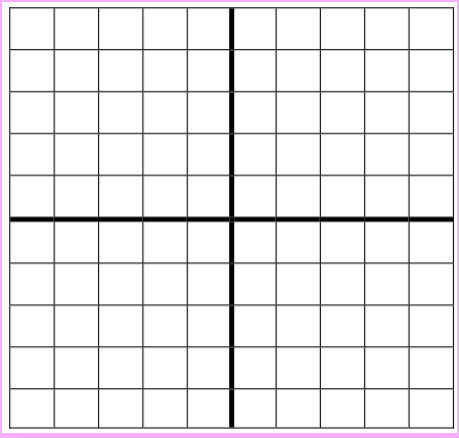
5 x 1 = ___



5 x 2 = ___



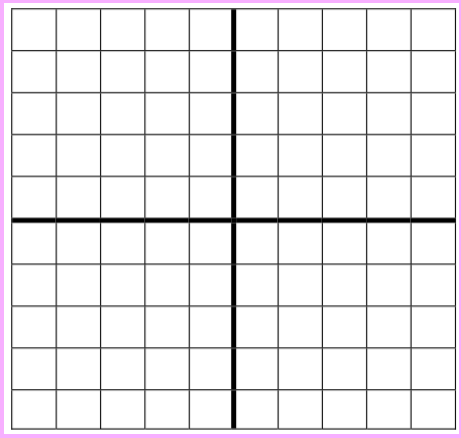
5 x 3 = ___



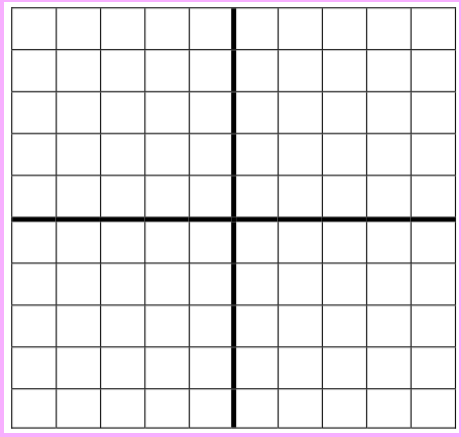
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

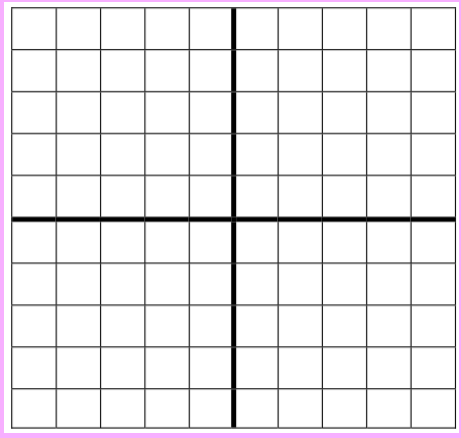
5 x 4 = ___



5 x 5 = ___



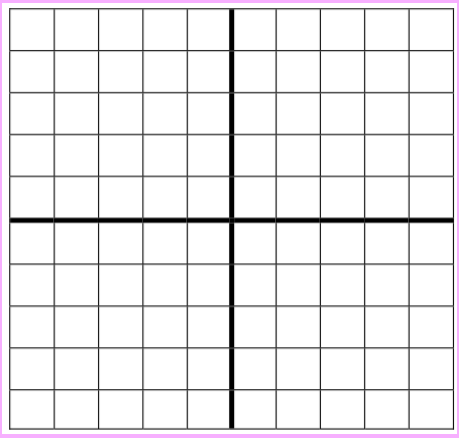
5 x 6 = ___



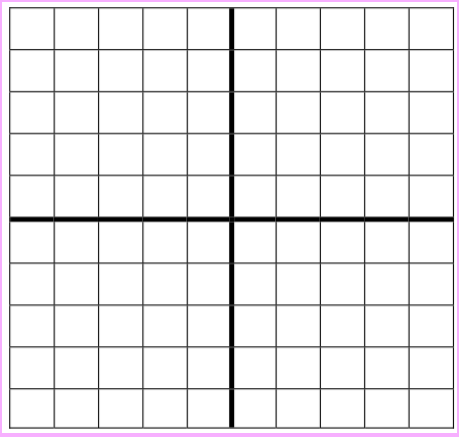
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

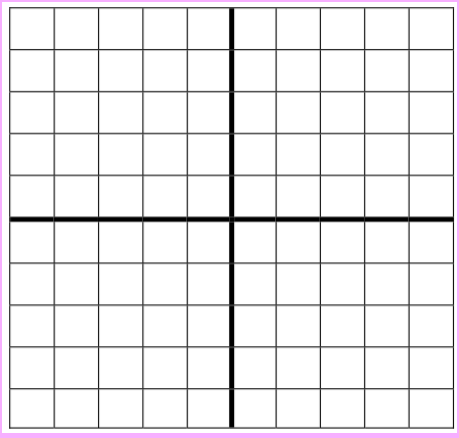
5 x 7 = ___



5 x 8 = ___



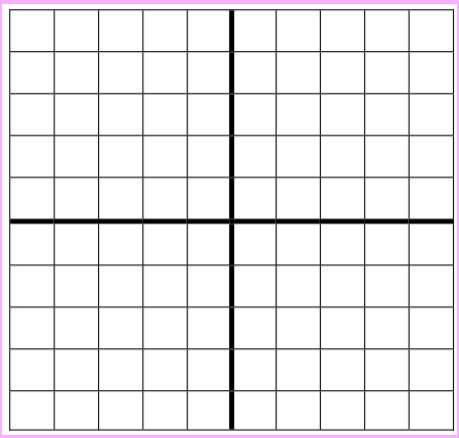
5 x 9 = ___



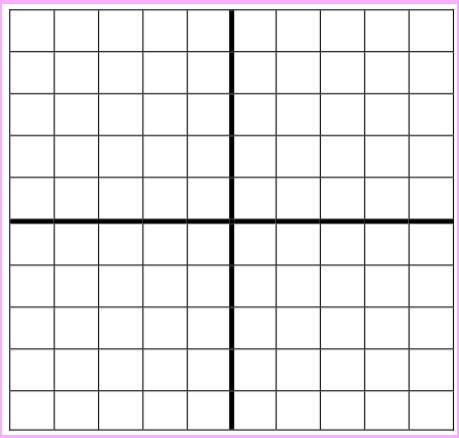
Array Flashcards

MODEL THE PROBLEMS ON THE GRIDS.

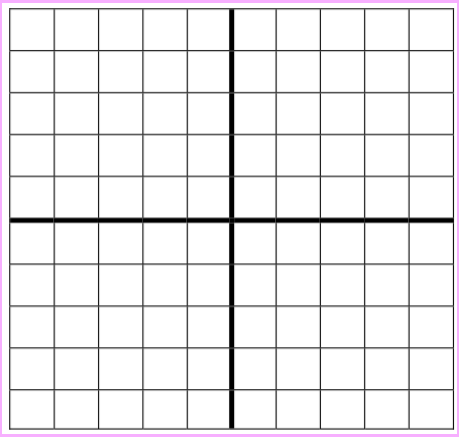
5 x 10 = ___



FREE CHOICE



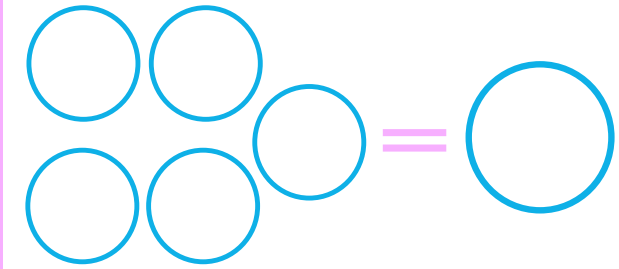
FREE CHOICE



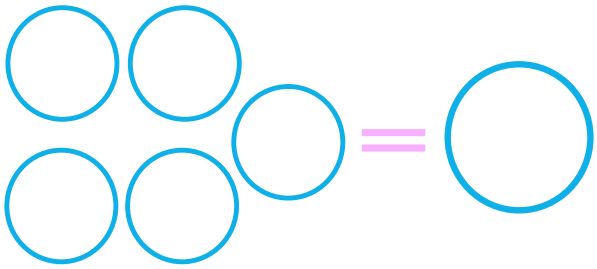
Equal Group Flashcards

MAKE YOUR OWN EQUAL GROUP FLASHCARDS. DRAW EQUAL GROUPS TO MODEL THE PROBLEM.

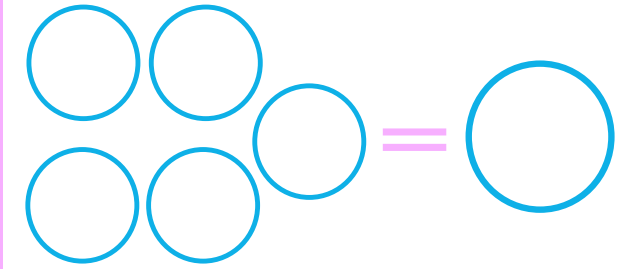
5 X 0 = 0



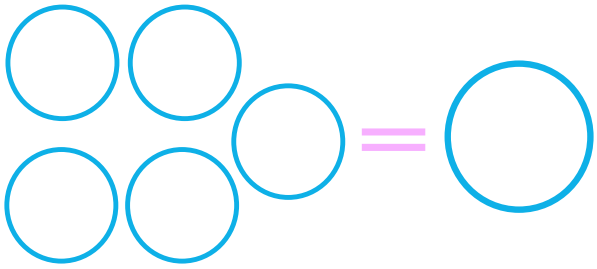
5 X 1 = 5



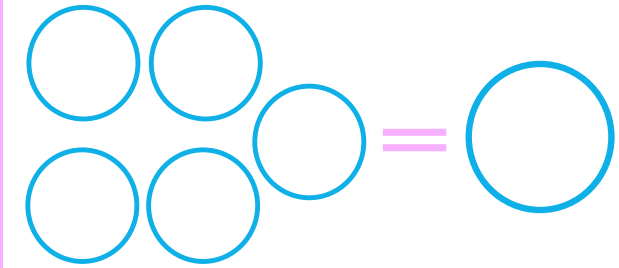
5 X 2 = 10



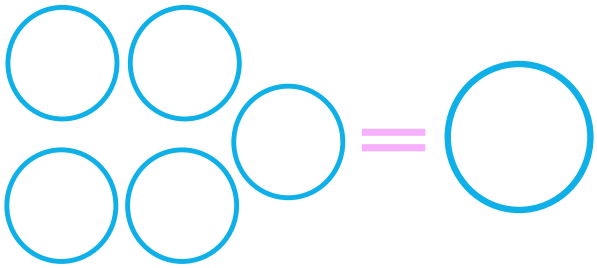
5 X 3 = 15



5 X 4 = 20



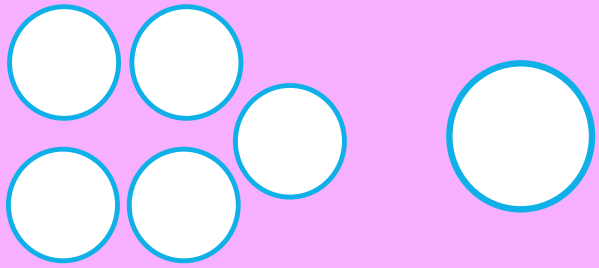
5 X 5 = 25



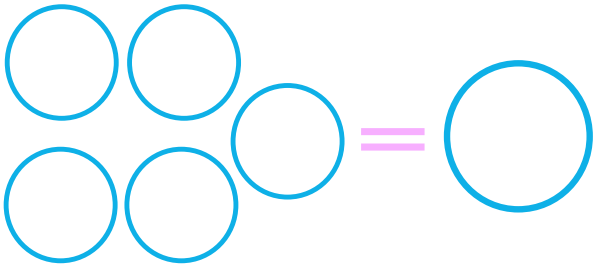
Equal Group Flashcards

MAKE YOUR OWN EQUAL GROUP FLASHCARDS. DRAW EQUAL GROUPS TO MODEL THE PROBLEM.

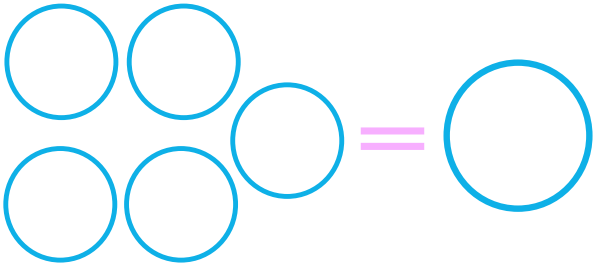
5 X 6 = 30



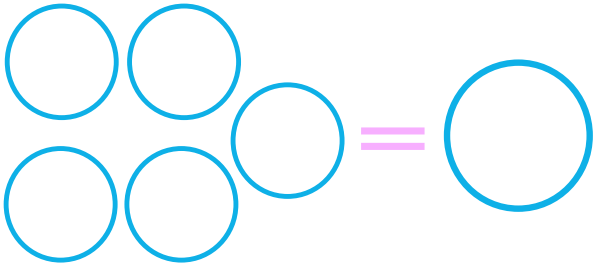
5 X 7 = 35



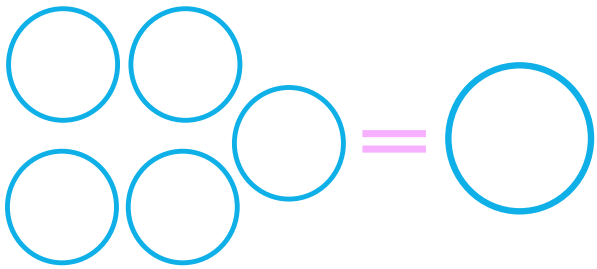
5 X 8 = 40



5 X 9 = 45



5 X 10 = 50



Regular Flashcards

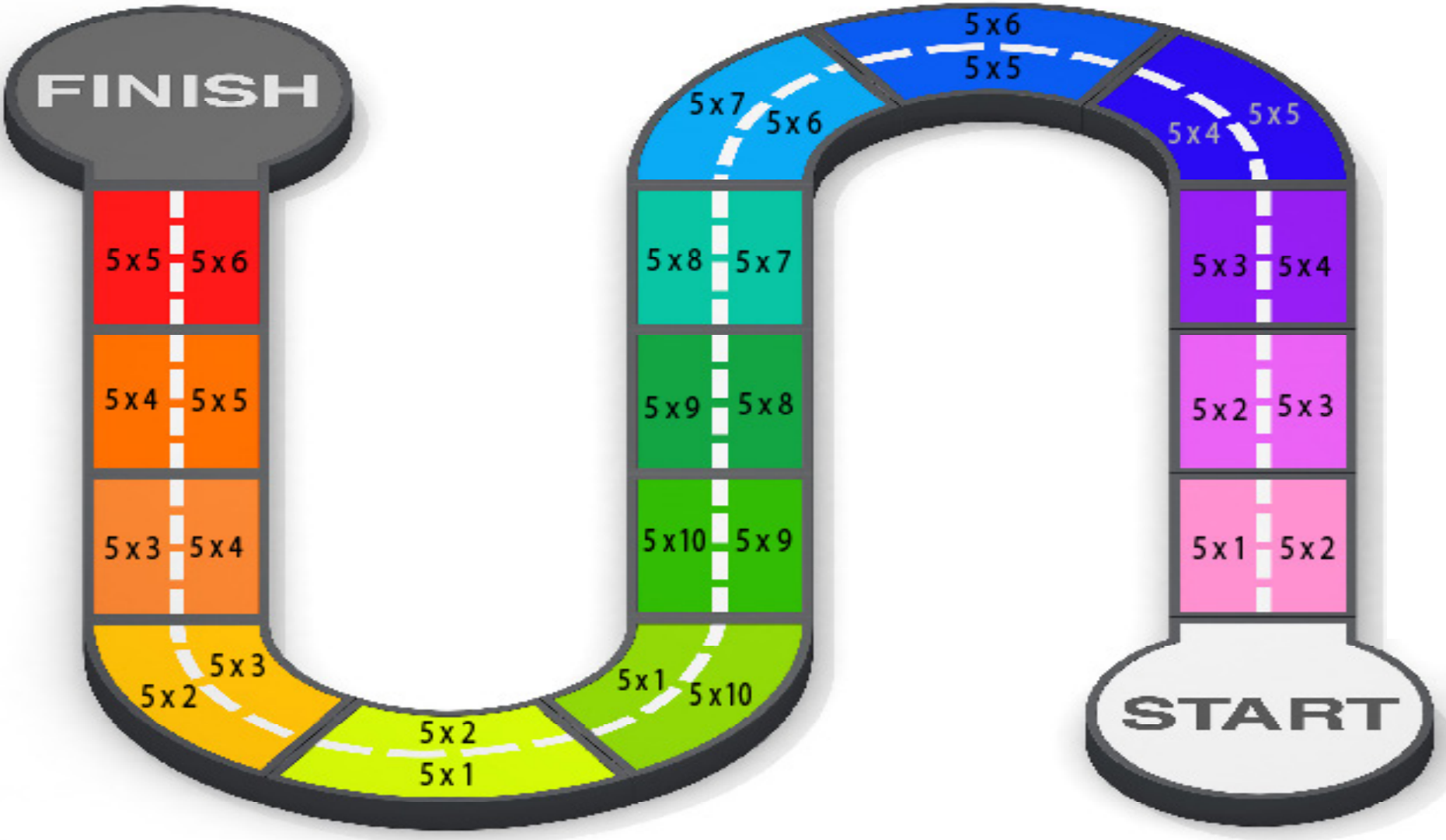
5 x 1	5 x 2
5 x 3	5 x 4
5 x 5	5 x 6

Regular Flashcards

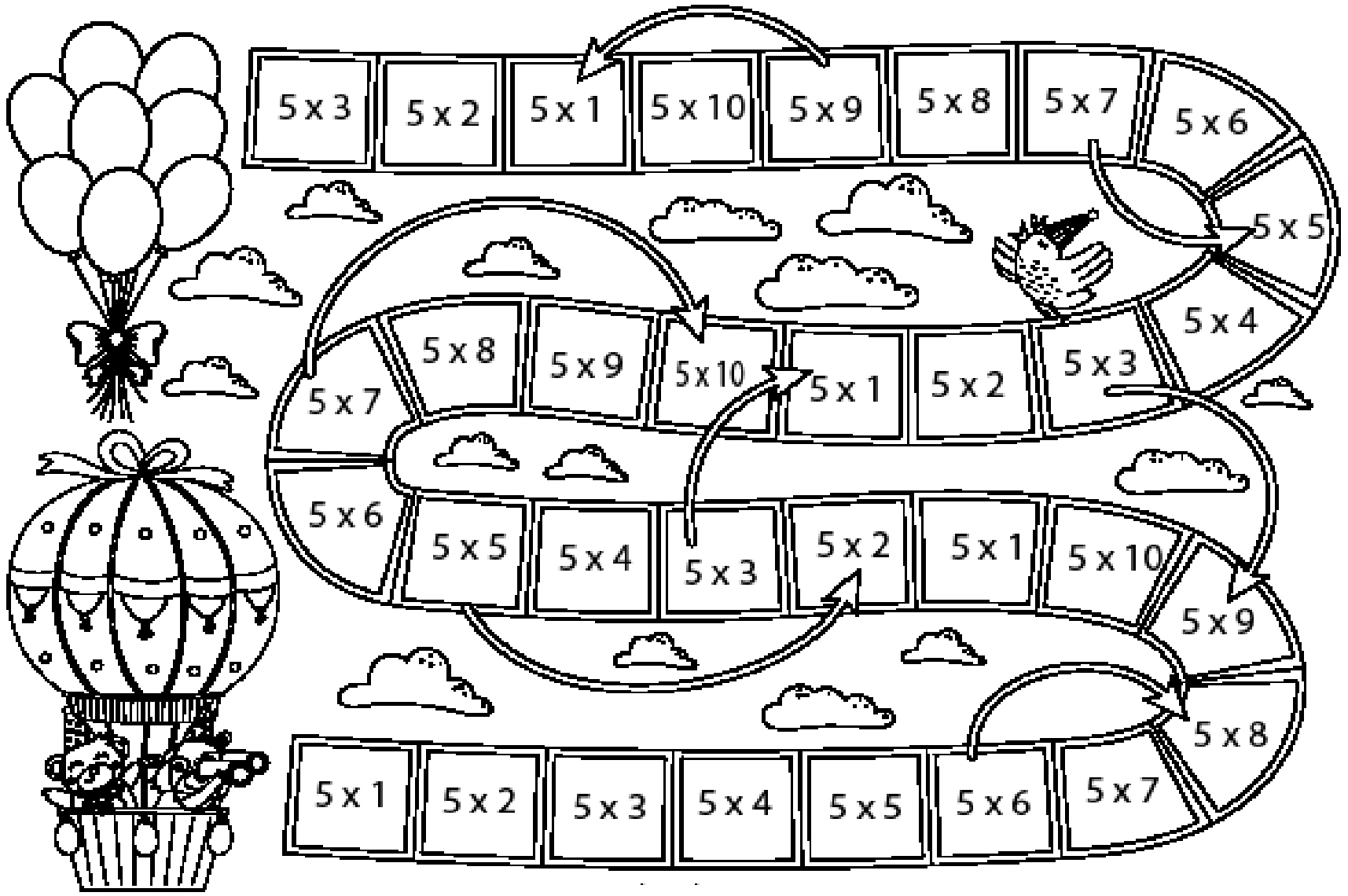
5 x 6	5 x 7
5 x 8	5 x 9
5 x 10	

MULTIPLICATION RACE

Directions: Play with a partner. Each player chooses a marker and a side. Decide who starts. Roll the die. Take turns moving. Player 1 says the product. Player 2 checks the answer using the bookmark. If it is correct, stay on the spot. If it is incorrect, move back one. Whoever reaches first wins.

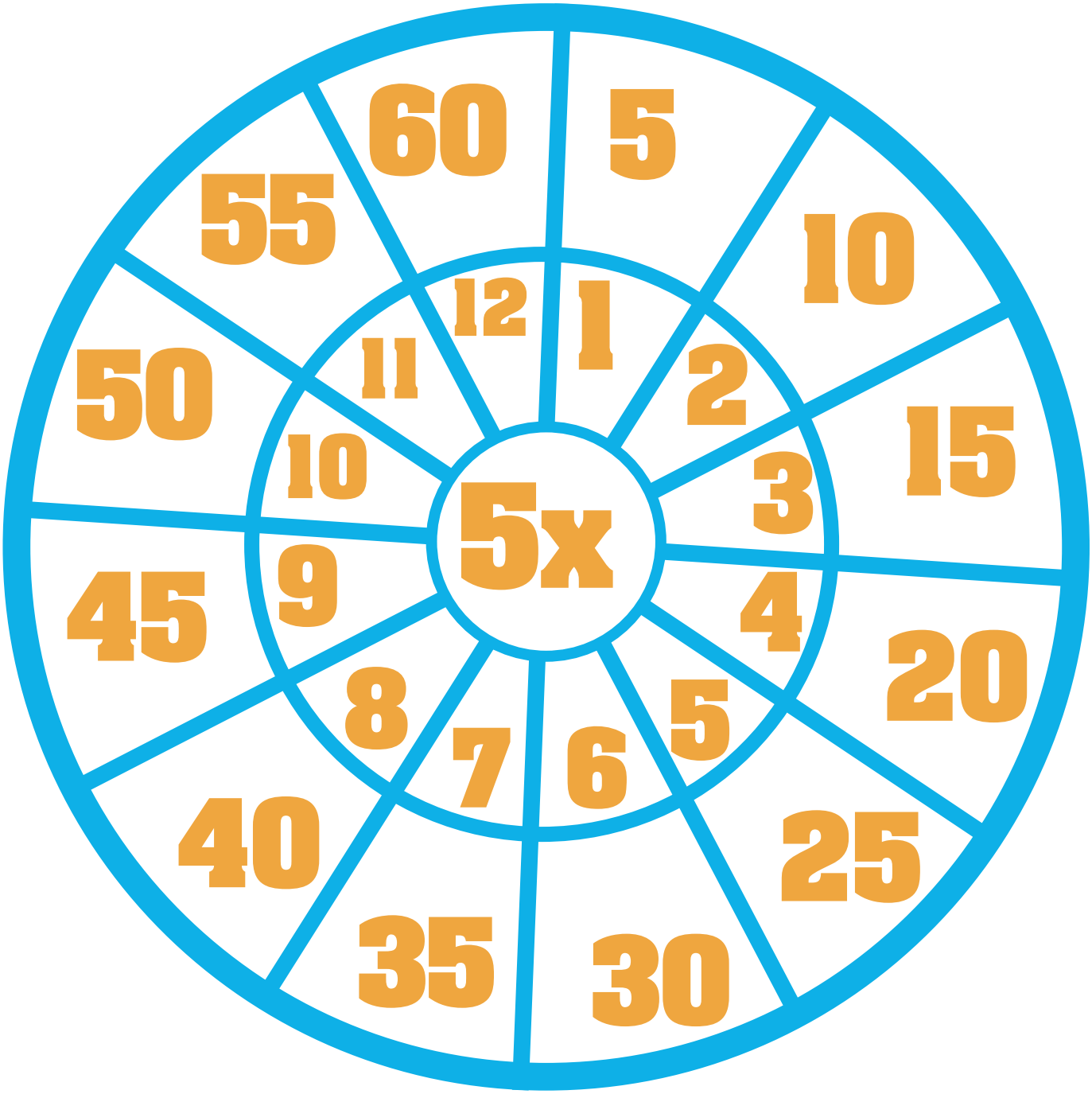


Help the animals get to the bunch of balloons

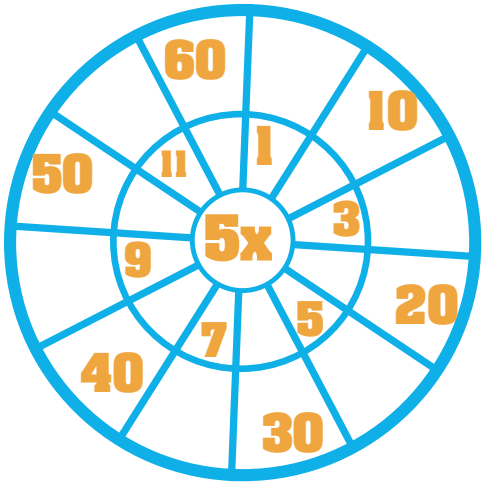


BALLOON RACE

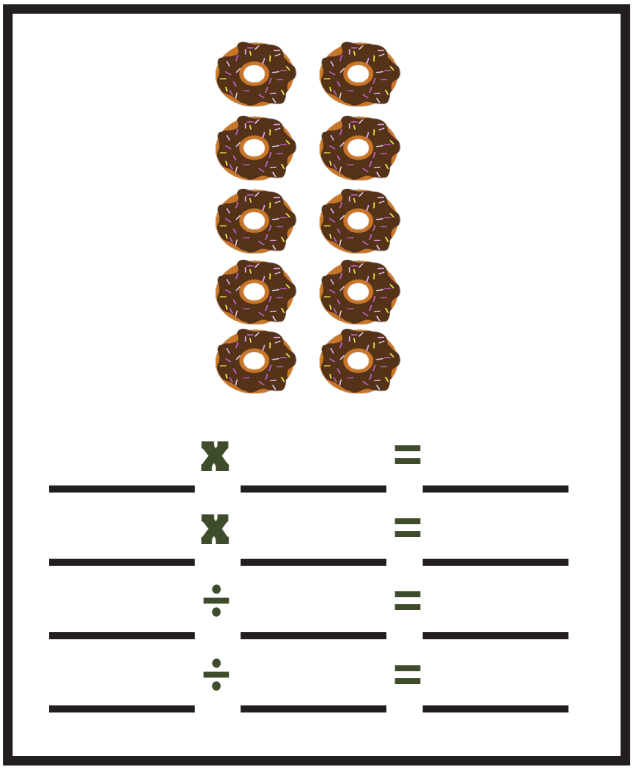
MULTIPLICATION WHEELS

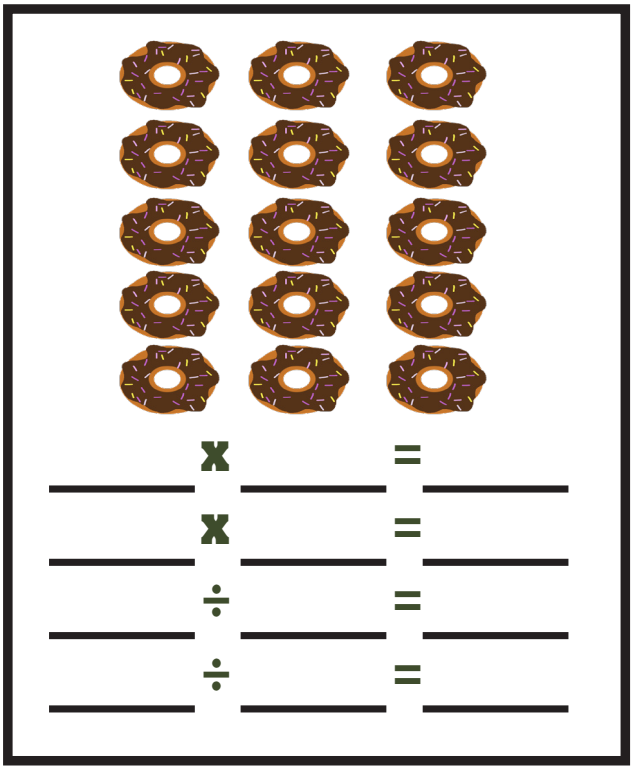


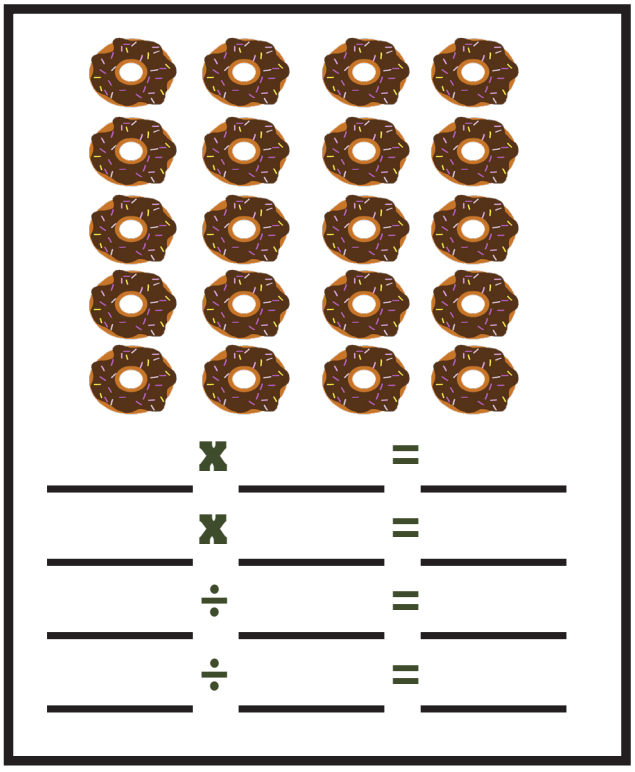
MULTIPLICATION WHEELS

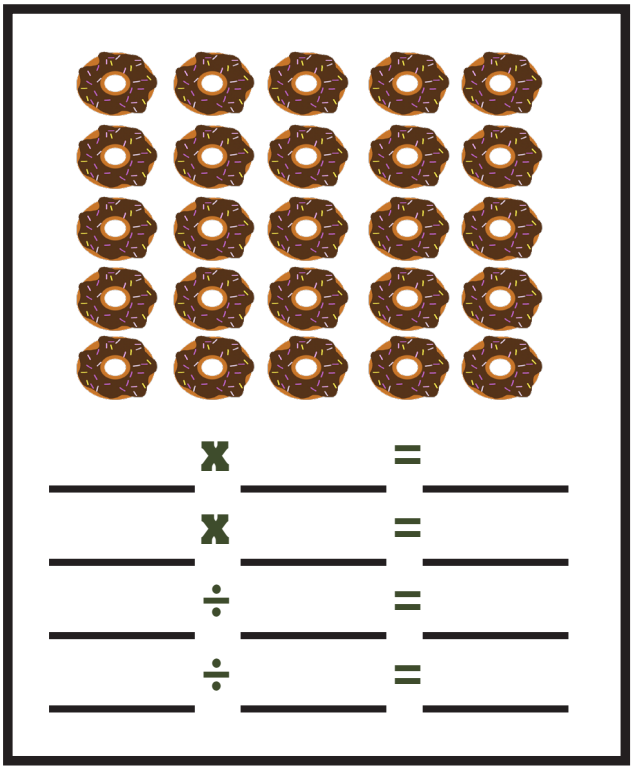


PICTURE FACT FAMILY

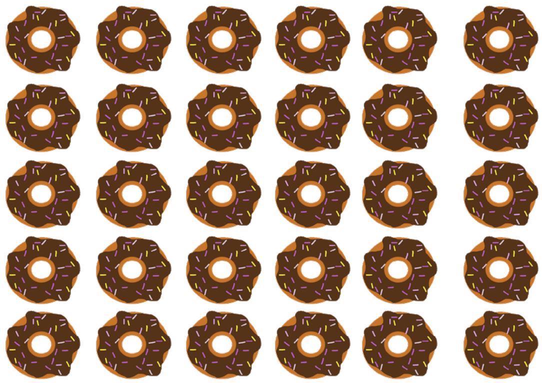








PICTURE FACT FAMILY

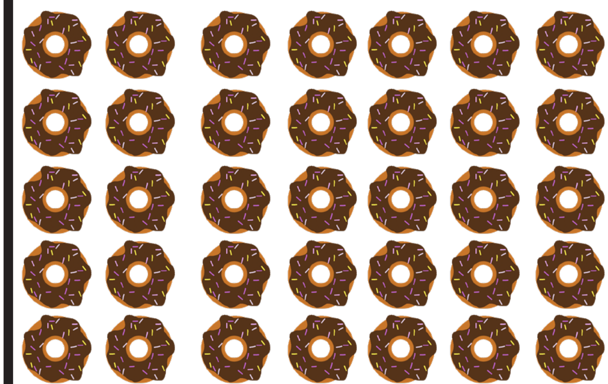


________ x ________ = ________

________ x ________ = ________

________ ÷ ________ = ________

________ ÷ ________ = ________



________ x ________ = ________

________ x ________ = ________

________ ÷ ________ = ________

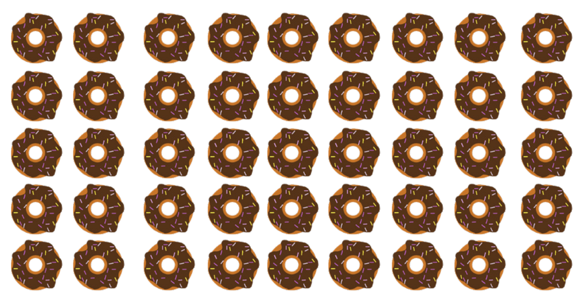
________ ÷ ________ = ________

________ x ________ = ________

________ x ________ = ________

________ ÷ ________ = ________

________ ÷ ________ = ________



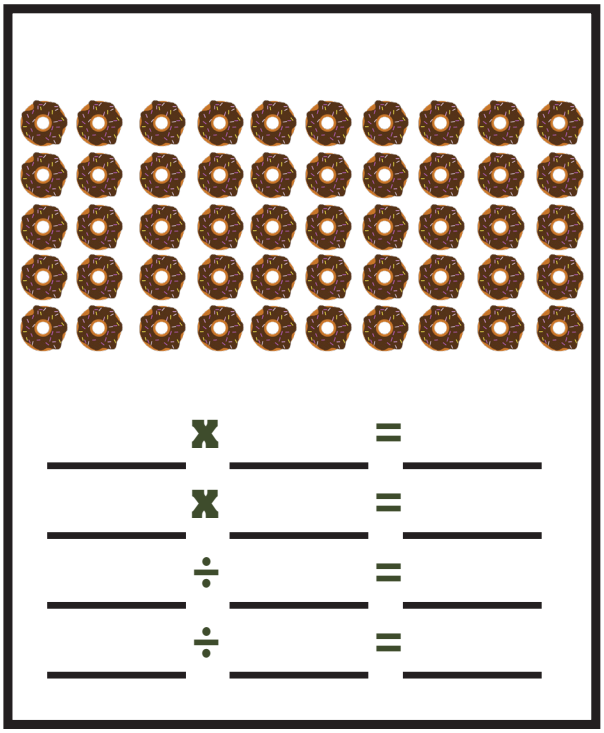
________ x ________ = ________

________ x ________ = ________

________ ÷ ________ = ________

________ ÷ ________ = ________

PICTURE FACT FAMILY



____ × ____ = ____

____ × ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

MAKE YOUR OWN

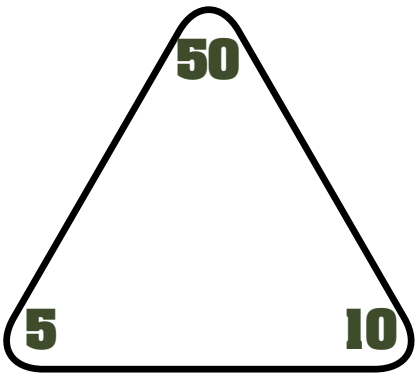
____ × ____ = ____

____ × ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

TRIANGLE FACT FAMILY

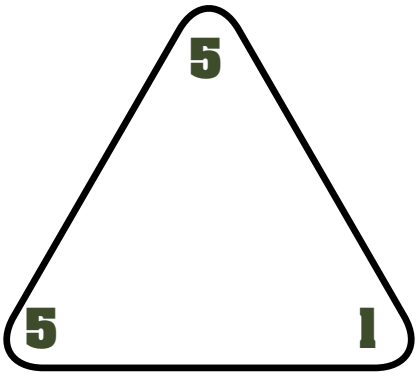


____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

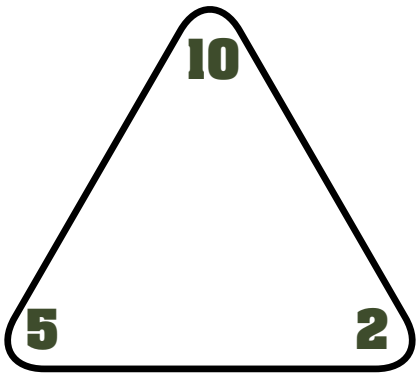


____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

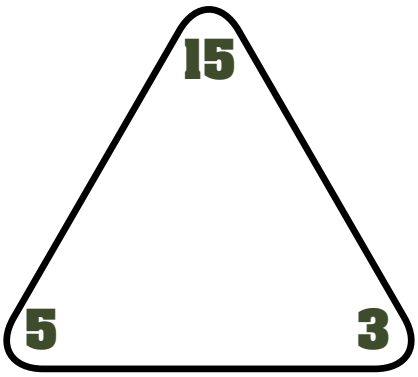


____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____



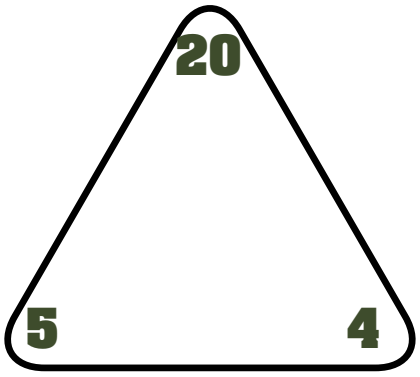
____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

TRIANGLE FACT FAMILY

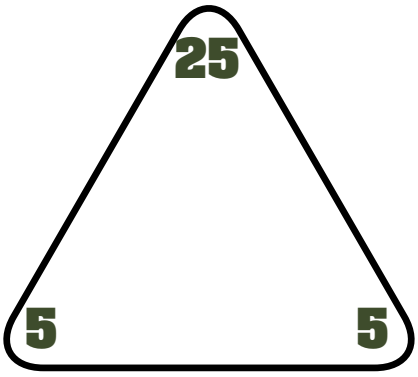


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

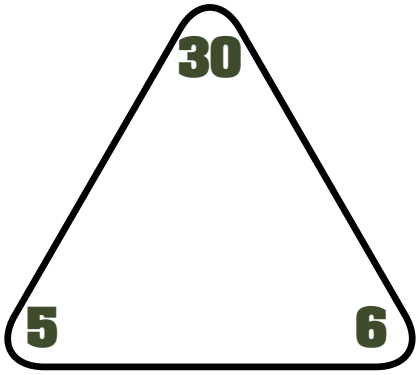


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

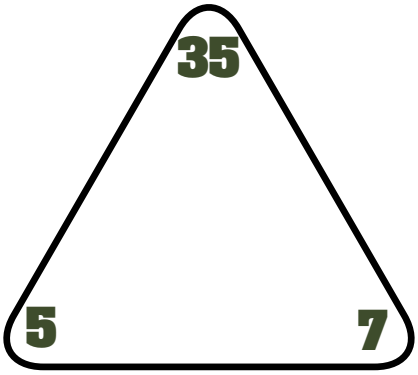


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___



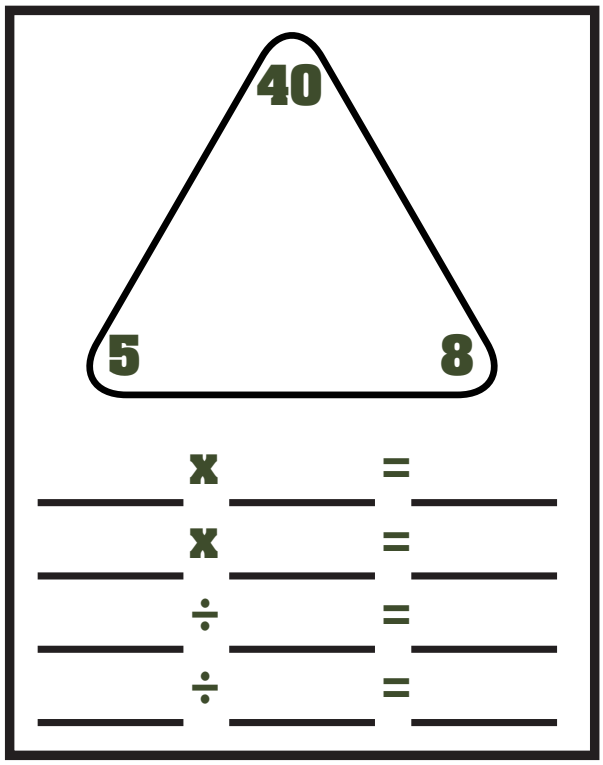
___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

TRIANGLE FACT FAMILY

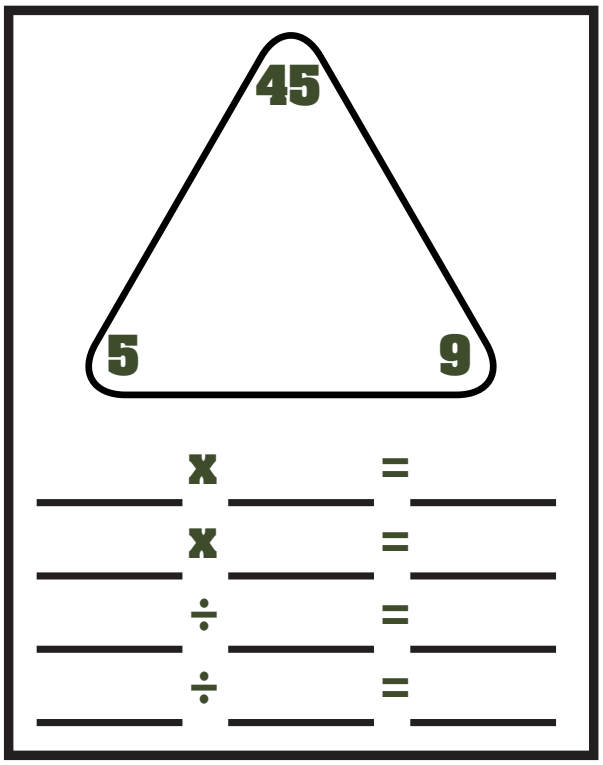


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___



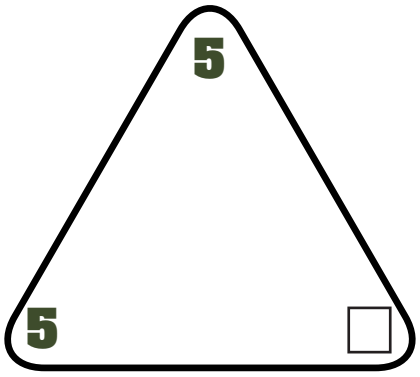
___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

TRIANGLE FACT FAMILY

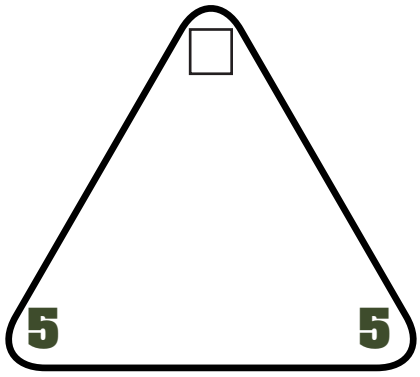


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

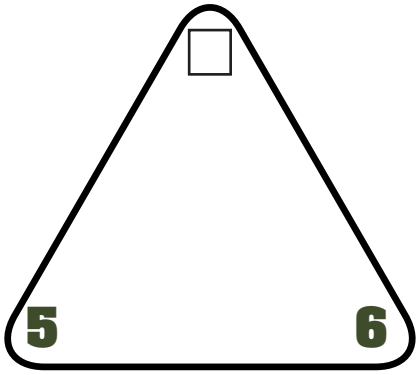


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

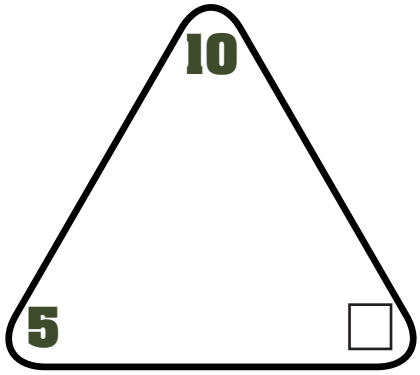


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___



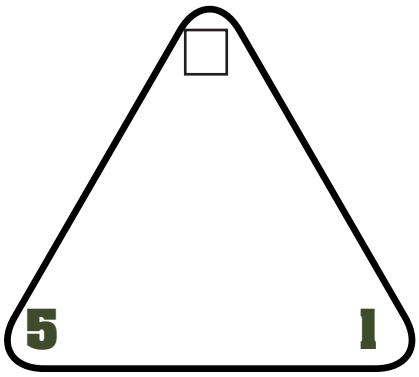
___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

TRIANGLE FACT FAMILY

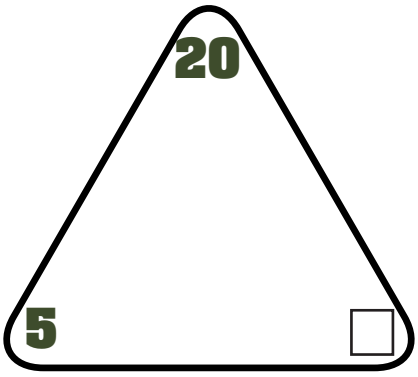


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

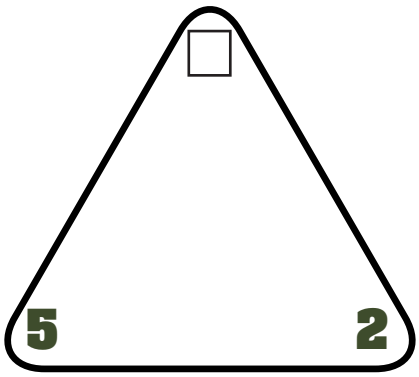


___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___



___ x ___ = ___

___ x ___ = ___

___ ÷ ___ = ___

___ ÷ ___ = ___

WORD PROBLEM

MODEL YOUR THINKING AND SOLVE THE PROBLEM

THE BAKERY HAD 5 ROWS OF DONUTS. THERE WERE 6 DONUTS IN EACH ROW. HOW MANY DONUTS DID THEY HAVE ALTOGETHER?

_____ X _____ = _____

THE BAKERY HAD 5 BOXES WITH 4 DONUTS IN EACH. HOW MANY DONUTS DID THEY HAVE?

_____ X _____ = _____

THERE WERE 5 BAGS OF DONUTS IN THE BAKERY. EACH BAG HAD 3 DONUTS INSIDE. HOW MANY DONUTS WERE THERE ALTOGETHER?

_____ X _____ = _____

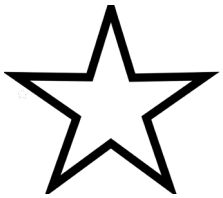
THE BAKERY HAD 5 BOXES OF DONUTS WITH 9 DONUTS IN EACH BOX. HOW MANY DONUTS DID THEY HAVE ALTOGETHER?

_____ X _____ = _____

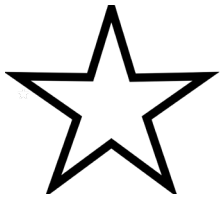
QUIZ

WRITE A 5'S FACT IN EACH BOX. THEN FOLLOW THE INSTRUCTIONS IN EACH BOX TO MATCH THE FACT.

I CAN SKIP COUNT BY 5'S!	I CAN REPRESENT 5'S WITH EQUAL GROUPS!
I CAN REPRESENT 5'S WITH ARRAYS!	**I CAN REPRESENT 5'S ON THE NUMBER LINE.**
I CAN USE REPEATED ADDITION FOR MY 5'S.	**MY STRATEGY FOR THINKING ABOUT 5'S IS...**



GREAT MATH WORK!



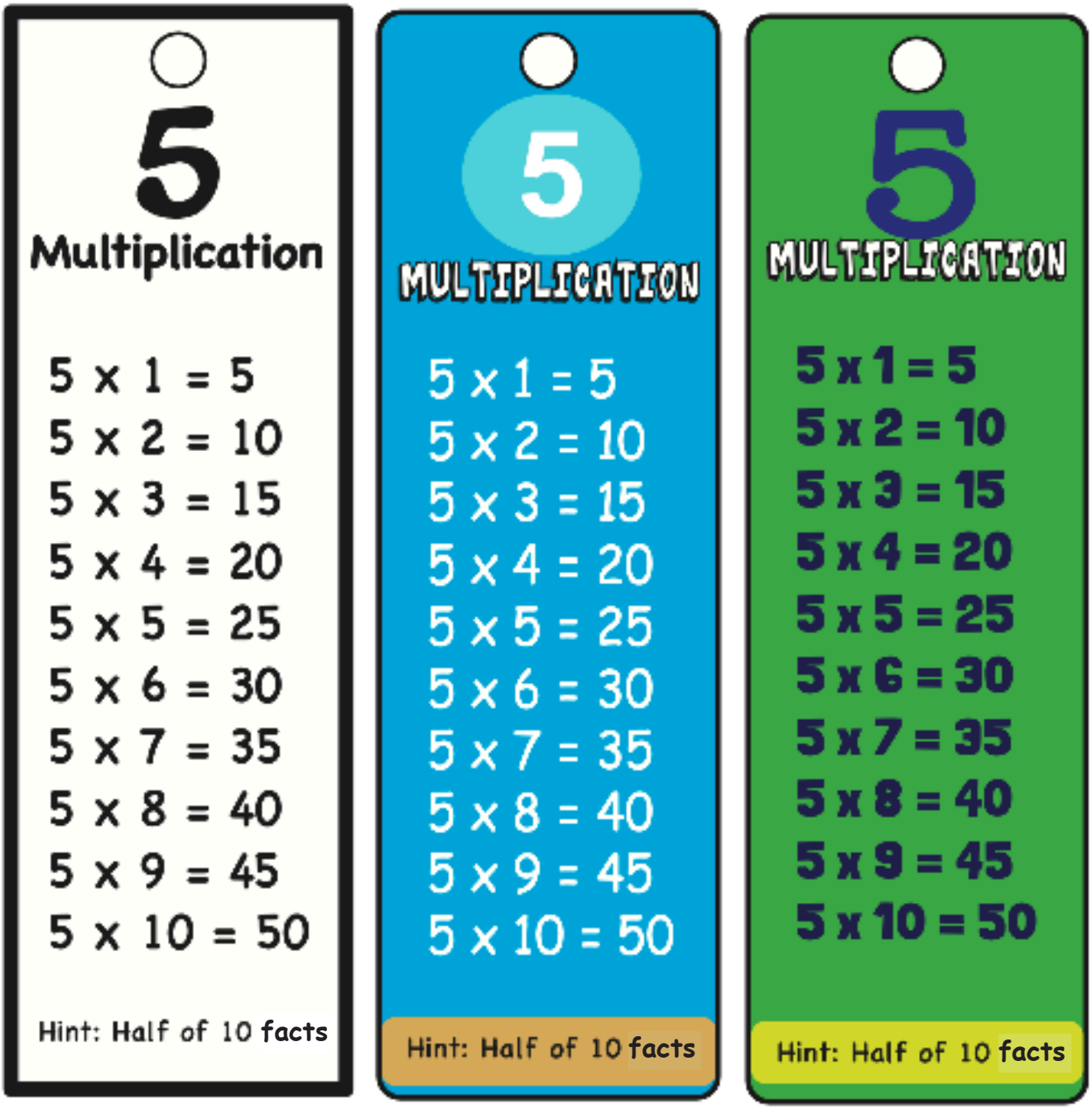
CERTIFICATE

_____

HAS SUCCESSFULLY PRACTICED THE 5 TIMES TABLES!

GREAT JOB!

TEACHER: _____ **DATE:** _____


5
Multiplication
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
Hint: Half of 10 facts
5
MULTIPLICATION
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
Hint: Half of 10 facts
5
MULTIPLICATION
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
Hint: Half of 10 facts