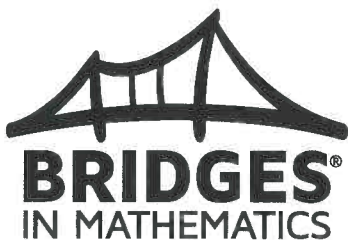


Home Connections

GRADE 4 – UNIT 1 – MODULE 3



NAME _____

DATE _____



Multiples, Flowers & Cards page 1 of 2

1 When you count by a number, you are naming the multiples of that number. For example, if you skip-count by 5s, you are naming the multiples of 5: 5, 10, 15, 20, 25, and so on. In each sequence below, fill in the missing multiples.

ex 5, 10, 15, 20, 25, 30, 35

a 3, 6, _____, 12, 15, 18, _____, 24

b 6, _____, 18, _____, 30

c 9, 18, _____, 36, 45, _____, 63

2 Circle all the multiples of the number in each box.

ex	5	16	20	15	42	36	45	18
b	4	8	6	14	16	20	28	19
d	8	28	32	48	16	60	72	19

a	2	5	6	7	8	14	21	10
c	7	22	33	21	14	16	42	35
e	3	21	35	18	36	44	12	29

3 Fill in the missing numbers.

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} \square \\ \times \square \\ \hline 24 \end{array}$$

$$\begin{array}{r} \square \\ \times \square \\ \hline 14 \end{array}$$

$$\begin{array}{r} \square \\ \times 5 \\ \hline 30 \end{array}$$

$$\begin{array}{r} \square \\ \times 4 \\ \hline 36 \end{array}$$

$$\begin{array}{r} \square \\ \times \square \\ \hline 12 \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ \times 16 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ \times 32 \\ \hline \square \end{array}$$

(continued on next page)

NAME _____

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Multiples, Flowers & Cards page 2 of 2

- 4** Four friends were making cards to sell at the holiday sale. Each friend made 9 cards. They put all their cards together and then bundled them in groups of 6 cards to sell. How many bundles of 6 cards did they make? Show all your work.

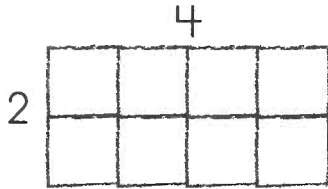
- 5** **CHALLENGE** Zack measured a rectangular garden at the park. The longer sides each measured 15 feet and were 3 times longer than the shorter sides. If Zack walked all the way around the garden, how far did he walk?



Arrays & Factors page 1 of 2

1 Draw and label a rectangular array to show two factors for each number. Do not use 1 as a factor. Then write the fact family that goes with each array that you draw.

ex 8



$$\underline{2} \times \underline{4} = \underline{8}$$

$$\underline{4} \times \underline{2} = \underline{8}$$

$$\underline{8} \div \underline{4} = \underline{2}$$

$$\underline{8} \div \underline{2} = \underline{4}$$

a 16

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

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

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

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

b 18

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

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

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

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

2 List all the factors of each number below.

ex 12		a 16	
b 17		c 24	
d 9		e 36	

3 Circle the prime number(s) in problem 2.

a Draw a square around the square number(s) in problem 2.

(continued on next page)

NAME _____

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Arrays & Factors page 2 of 2

- 4** Is the number 25 prime or composite? How do you know?
- 5** Judy has a collection of 30 stamps. She can divide the stamps into 2 equal groups of 15 stamps. What are two other ways she could divide the stamps into equal groups?
- 6** **CHALLENGE** Judy's brother Sam has a collection of 96 comic books. What are the ten ways Sam could divide his comic books into equal groups?