

Which Is Not a Multiple?

ANSWER SHEET (Students' explanations/drawings may vary.)

3:

6

9

14

Explanation/Drawing:

The numbers 6 and 9 are multiples of 3 because $3 \times 2 = 6$ and $3 \times 3 = 9$, but the number 14 does not belong because you can't multiply any whole number by 3 to get 14.

4:

10

12

20

Explanation/Drawing: The numbers **12** and **20** are multiples of 4 because **you can multiply a whole number by 4 to get both 12 and 20**, but the number **10** does not belong because **you can't multiply any number by 4 to get 10**.

5:

10

25

47

Explanation/Drawing: The numbers **10** and **25** are multiples of 5 because **5 times 2 is 10 and 5 times 5 is 25**, but the number **47** does not belong because **you can't multiply 5 by any other whole number and get 47**.

Which Is Not a Multiple?

Directions: Circle the number that does not belong in the list of multiples. Then, write an explanation or draw a picture to show how and why the number does not belong.

2:

4

16

19

Explanation/Drawing: The numbers 4 and 16 are multiples of 2 because

I can multiply 2 by 2 to get 4 and 2 by 8 to get 16, but the number

19 does not belong because I can't multiply any whole number by 2 and get 19.

6:

12

20

24

Explanation/Drawing: The numbers 12 and 24 are multiples of 6 because

$6 \times 2 = 12$ and $6 \times 4 = 24$, but the number

20 does not belong because I can't multiply 6 by any whole number and

arrive to the product 20.

8:

14

24

80

Explanation/Drawing: **Students' answers will vary.**