



Venn Diagrams: Sorting Numbers

Grade 4

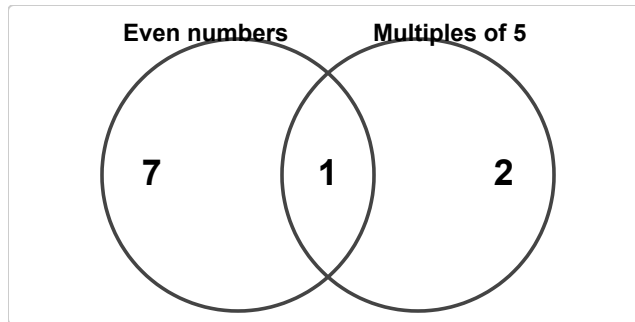
Name: _____

Classify each number into the correct region.

A Venn diagram shows relationships between sets. The middle part is for items that belong to BOTH sets.

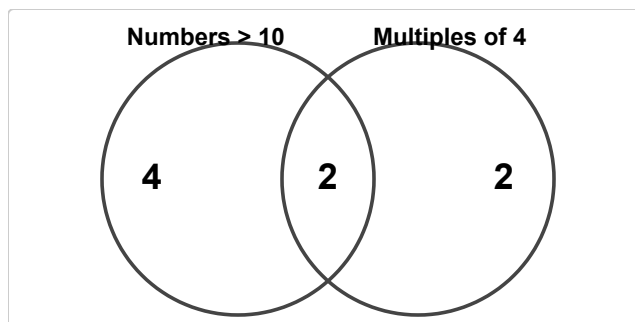
Example: Set A: Even Numbers. Set B: Multiples of 5. Where does 10 go? (C) Both

- (1) Numbers 1–16: Set A = Even numbers, Set B = Multiples of 5. How many numbers are in "Even numbers" only?



(A) 5 (B) 6 (C) 7 (D) 8

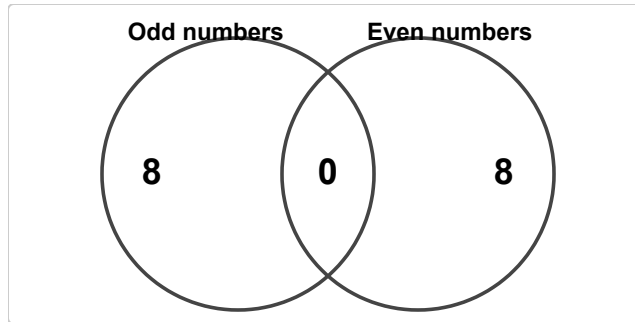
- (2) Numbers 1–16: Set A = Numbers > 10, Set B = Multiples of 4. How many numbers are in "Multiples of 4" only?



(A) 0 (B) 1 (C) 2 (D) 3

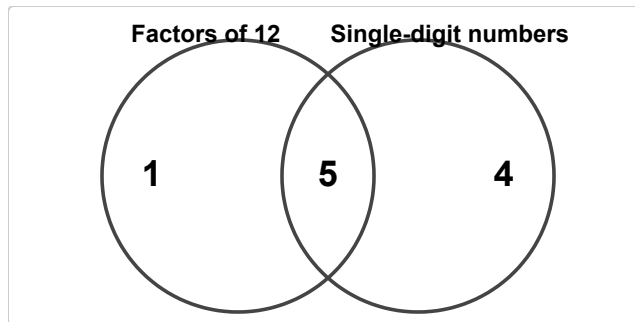


(3) Numbers 1–16: Set A = Odd numbers, Set B = Even numbers. How many numbers are in both groups?



(A) 0 (B) 1 (C) 2 (D) 3

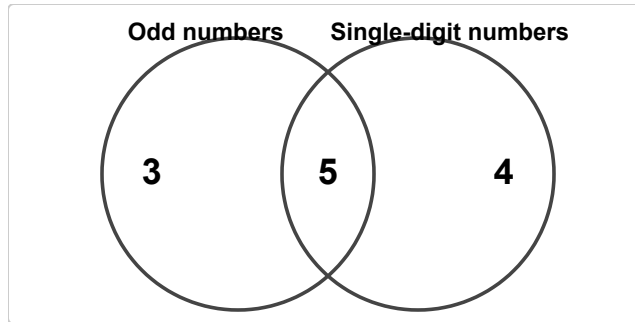
(4) Numbers 1–16: Set A = Factors of 12, Set B = Single-digit numbers. How many numbers Factors of 12?



(A) 4 (B) 5 (C) 6 (D) 7

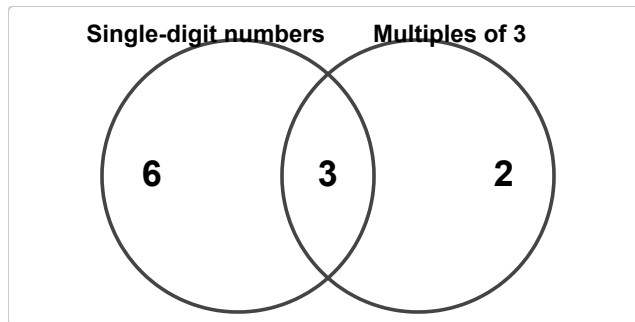


(5) Numbers 1–16: Set A = Odd numbers, Set B = Single-digit numbers. How many numbers Single-digit numbers?



(A) 7 (B) 8 (C) 9 (D) 10

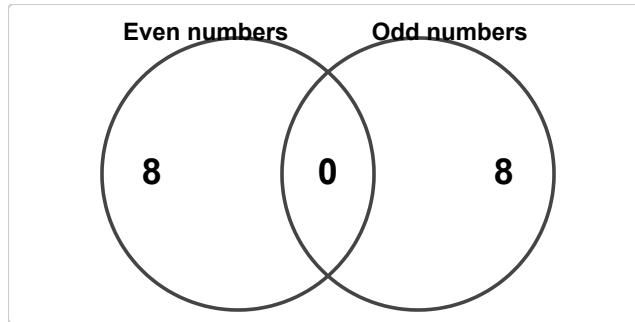
(6) Numbers 1–16: Set A = Single-digit numbers, Set B = Multiples of 3. How many numbers are in at least one group?



(A) 9 (B) 10 (C) 11 (D) 12

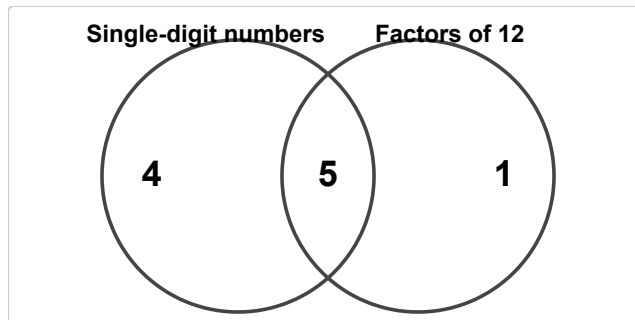


(7) Numbers 1–16: Set A = Even numbers, Set B = Odd numbers. How many numbers are in exactly one group?



- (A) 14 (B) 15 (C) 16 (D) 17

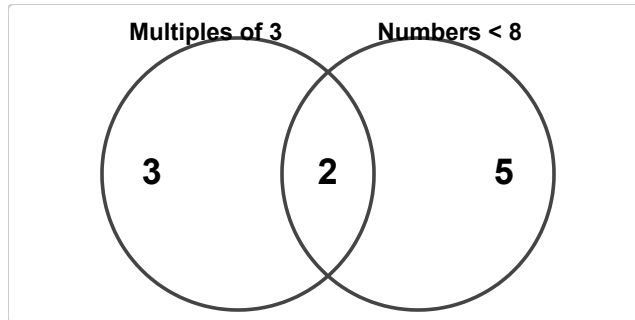
(8) Numbers 1–16: Set A = Single-digit numbers, Set B = Factors of 12. How many more numbers Single-digit numbers than Factors of 12?



- (A) 1 (B) 2 (C) 3 (D) 4

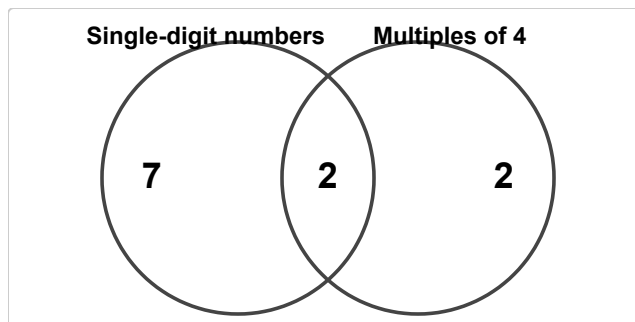


(9) Numbers 1–16: Set A = Multiples of 3, Set B = Numbers < 8. How many numbers are in "Multiples of 3" only?



(A) 1 (B) 2 (C) 3 (D) 4

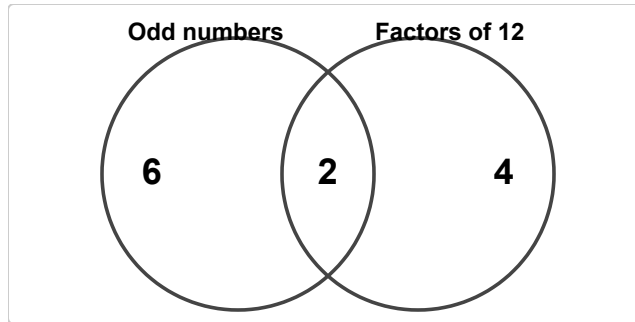
(10) Numbers 1–16: Set A = Single-digit numbers, Set B = Multiples of 4. How many numbers are in "Multiples of 4" only?



(A) 0 (B) 1 (C) 2 (D) 3

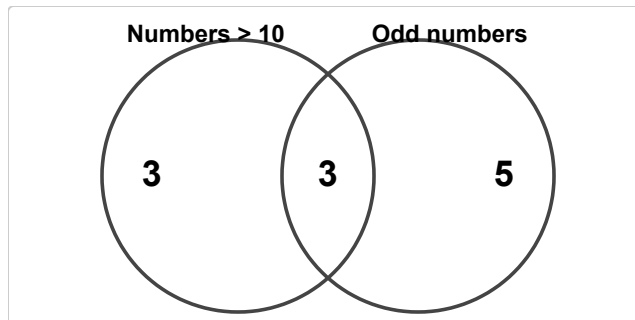


(11) Numbers 1–16: Set A = Odd numbers, Set B = Factors of 12. How many numbers are in both groups?



(A) 0 (B) 1 (C) 2 (D) 3

(12) Numbers 1–16: Set A = Numbers > 10, Set B = Odd numbers. How many numbers Numbers > 10?



(A) 4 (B) 5 (C) 6 (D) 7

