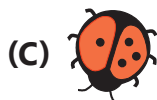


3 POINTS PROBLEMS

1. THE PICTURE ON THE RIGHT SHOWS A LADYBIRD.



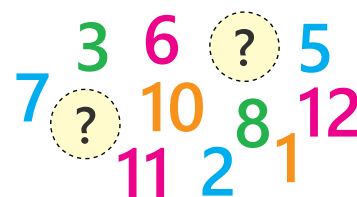
WHICH OF THE OPTIONS BELOW SHOWS THE SAME LADYBIRD?



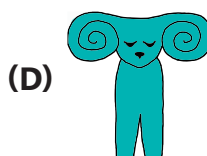
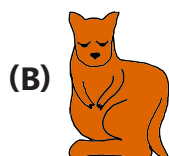
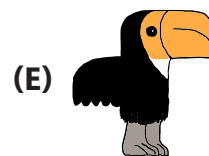
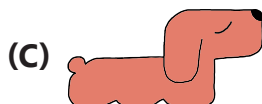
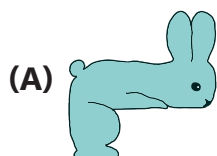
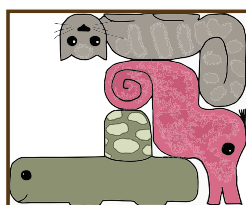
2. PAUL WROTE DOWN THE NUMBERS FROM 1 TO 12. PAUL THEN COVERED TWO OF THE NUMBERS.

WHAT IS THE SUM OF THE TWO COVERED NUMBERS?

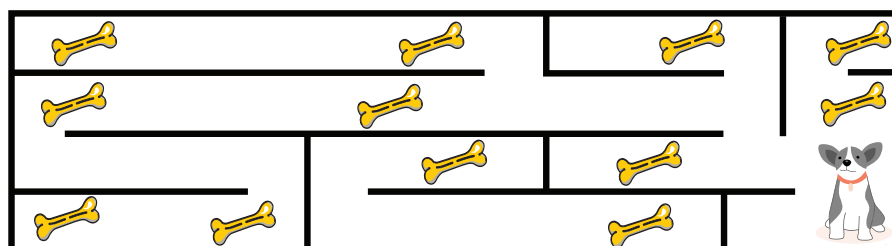
- (A) 12 (B) 13 (C) 15 (D) 16 (E) 18



3. WHICH PIECE COMPLETES THE PUZZLE?



4. THE DOG RUNS THROUGH THE MAZE SHOWN.



IN TOTAL, HOW MANY BONES CAN THE DOG REACH?

- (A) 8 (B) 9 (C) 10 (D) 11 (E) 12

5. ANNE'S FRIENDS COME TO VISIT AND TAKE OFF THEIR SHOES.

THEIR SHOES ARE SHOWN IN THE PICTURE.

HOW MANY FRIENDS HAVE COME TO VISIT?

(A) 6 (C) 8 (E) 14

(B) 7 (D) 12

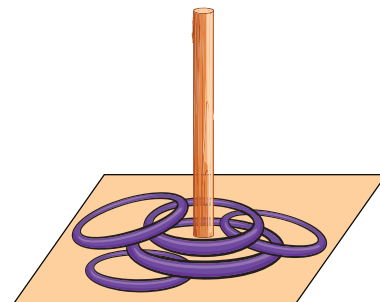


6. IN A RING TOSS GAME, PLAYERS SCORE 3 POINTS FOR EACH RING THAT LANDS ON THE PEG.

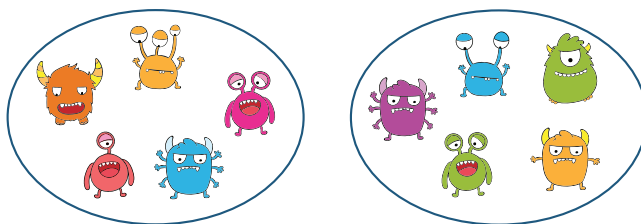
IN TOTAL, HOW MANY POINTS DO THE PLAYERS SCORE IN THE GAME SHOWN?

(A) 3 (C) 9 (E) 15

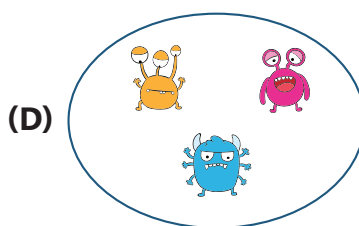
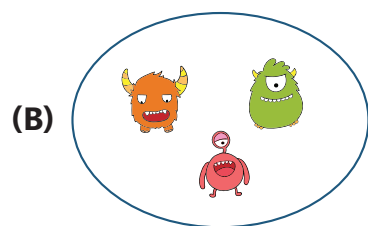
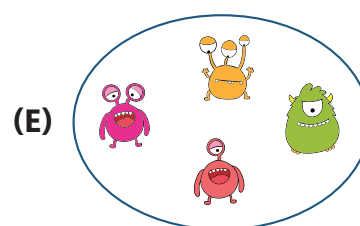
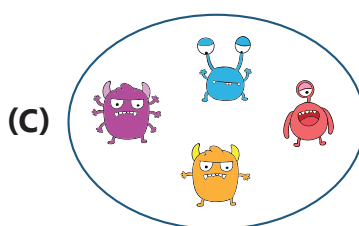
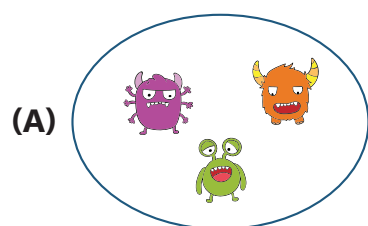
(B) 6 (D) 12



7. THE PICTURE SHOWS 2 DIFFERENT FAMILIES OF MONSTERS.

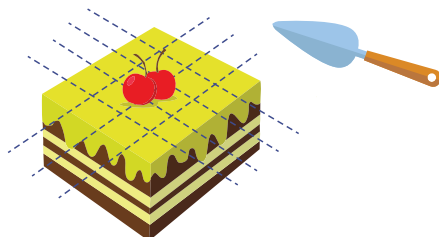
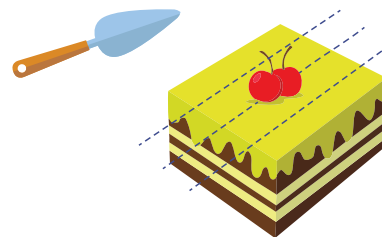


WHICH OF THE FOLLOWING GROUPS IS MADE UP OF MONSTERS FROM THE SAME FAMILY?



8. GRANDMA DIVIDES A CAKE WITH 3 CUTS, AS SHOWN IN THE FIRST PICTURE.

THEN SHE TURNS THE CAKE AND MAKES 4 MORE CUTS, AS SHOWN IN THE SECOND PICTURE.



HOW MANY PIECES OF CAKE ARE THERE NOW?

- (A) 12 (B) 14 (C) 16 (D) 18 (E) 20

4 POINTS PROBLEMS

9. STEPHANIE HAS 3 BOOKS: 1 WHITE, 1 BLACK AND 1 GREY.

- THE BLACK BOOK HAS 20 PAGES.
- THE BLACK BOOK HAS 4 MORE PAGES THAN THE GREY BOOK.
- THE BLACK BOOK ALSO HAS 7 MORE PAGES THAN THE WHITE BOOK.

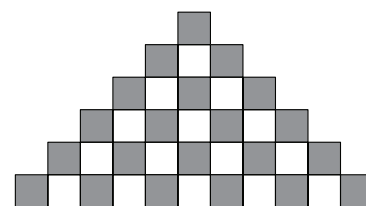


HOW MANY PAGES **FEWER** THAN THE GREY BOOK DOES THE WHITE BOOK HAVE?

- (A) 3 (B) 4 (C) 7 (D) 10 (E) 11

10. HOW MANY MORE GREY SQUARES THAN WHITE SQUARES ARE THERE IN THE PICTURE?

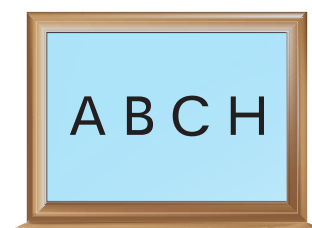
- (A) 4 (C) 6 (E) 8
(B) 5 (D) 7



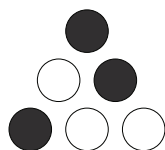
11. ABIGAIL WRITES FOUR LETTERS OF THE ALPHABET ON A WINDOW, AS SHOWN.

WHAT CAN BE SEEN FROM THE OTHER SIDE OF THE WINDOW?

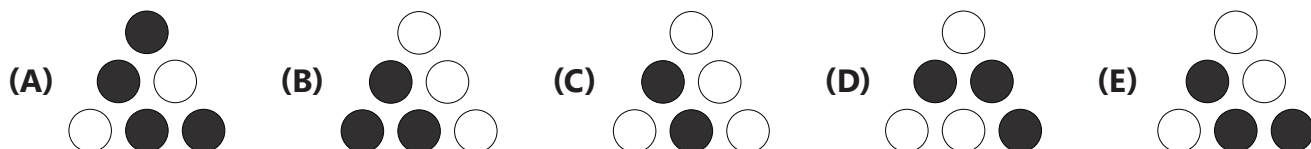
- (A) A B C H (C) H A B C (E) H C B A
(B) H B C A (D) C B A H



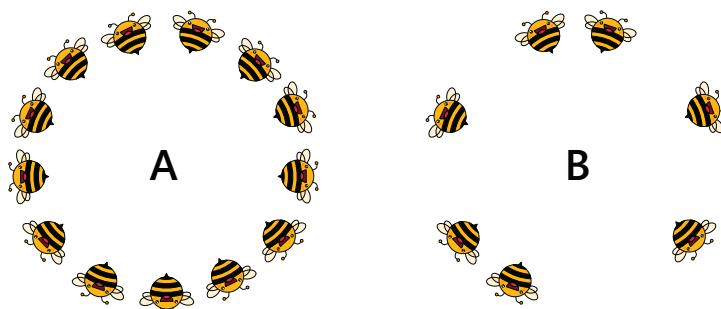
12. BERNARD STARTS WITH 6 TOKENS ON THE TABLE, AS SHOWN IN THE PICTURE. EACH TOKEN IS WHITE ON ONE SIDE AND BLACK ON THE OTHER.



WHAT WILL BERNARD SEE AFTER HE TURNS OVER EVERY TOKEN ONCE?

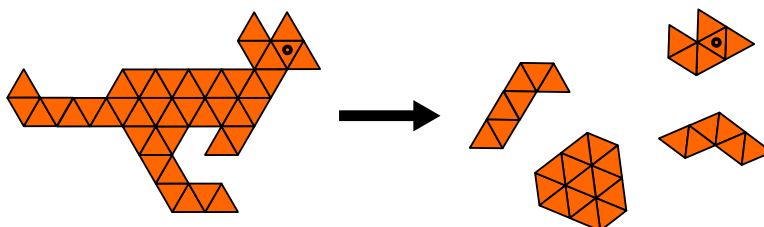


13. SOME BEES ARE STANDING IN TWO GROUPS, AS SHOWN.



HOW MANY BEES MUST MOVE FROM GROUP A TO GROUP B SO THAT THERE ARE THE SAME NUMBER OF BEES IN EACH GROUP?

- (A) 1 (B) 2 (C) 3 (D) 4 (E) 5
14. A KANGAROO PUZZLE BREAKS INTO FIVE PIECES. FOUR OF THE PIECES ARE SHOWN IN THE PICTURE.



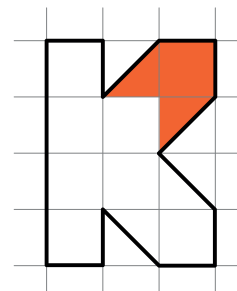
WHICH PIECE IS MISSING?



15. BILLY THE BEAVER IS PAINTING THE K IN THE PICTURE SHOWN.
HE HAS ALREADY USED 1 TUBE OF PAINT.

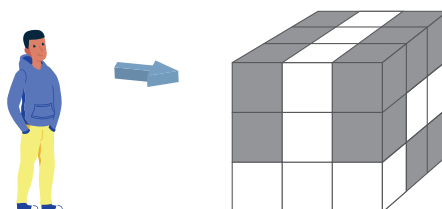
HOW MANY MORE TUBES OF PAINT DOES HE NEED TO FINISH
PAINTING THE K?

- (A) 2 (C) 4 (E) 6
(B) 3 (D) 5



16. THE BIG CUBE SHOWN IN THE PICTURE IS MADE OF 18 GREY CUBES AND 9 WHITE CUBES, ALL OF THE SAME SIZE.

DANIEL LOOKS AT THE FACE INDICATED BY THE ARROW.

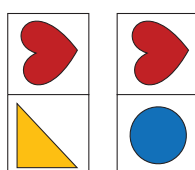


WHAT DOES HE SEE?

- (A) (B) (C) (D) (E)

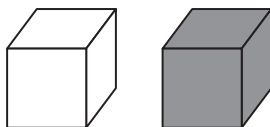
5 POINTS PROBLEMS

17. WHICH FIGURE IS IT IMPOSSIBLE TO MAKE USING THE 2 TILES SHOWN?



- (A) (B) (C) (D) (E)

18. FILIP HAS BUILT 6 TOWERS USING WHITE BLOCKS AND GREY BLOCKS.



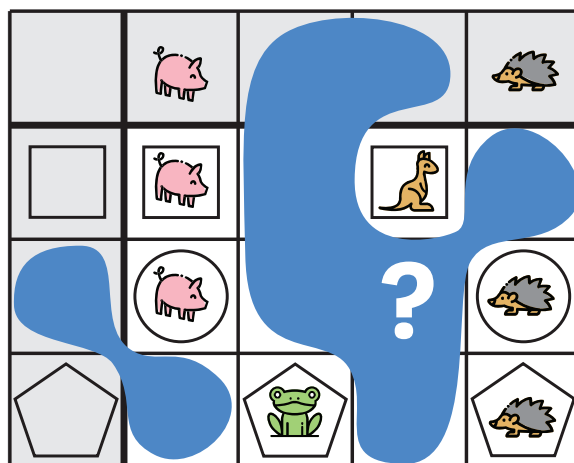
EACH TOWER IS MADE OF 5 BLOCKS. BLOCKS OF THE SAME COLOUR DO NOT TOUCH.

FROM ABOVE, THE TOWERS LOOK AS SHOWN IN THE PICTURE.



HOW MANY GREY BLOCKS HAS FILIP USED IN TOTAL?

- (A) 10 (B) 12 (C) 15 (D) 16 (E) 20
19. THE TABLE HAS BEEN COMPLETED BY COMBINING THE SHAPES SHOWN ON THE FIRST COLUMN WITH THE ANIMALS SHOWN ON THE FIRST ROW.



FRANK THEN SPILLED INK ON SOME OF THE CELLS, AS SHOWN.

WHICH PICTURE IS HIDDEN UNDER THE QUESTION MARK?

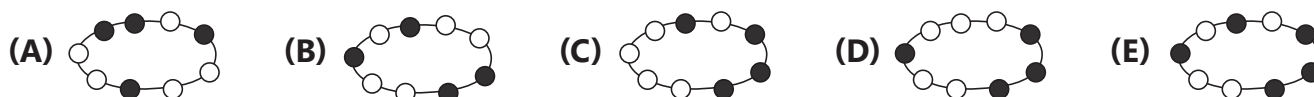
- (A) (C) (E)
 (B) (D)

20. ANIA IS MAKING A BRACELET BY STRINGING BLACK AND WHITE BEADS ON TO A THREAD.

LEFT  RIGHT

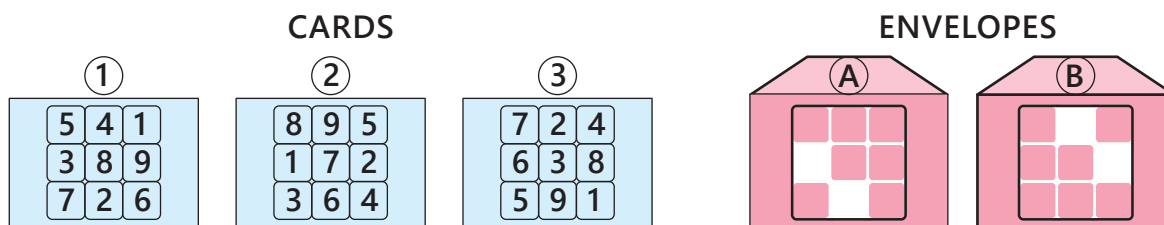
- FIRST, SHE STRINGS 2 WHITE BEADS ON THE LEFT SIDE OF THE THREAD.
- THEN 1 BLACK BEAD ON THE LEFT SIDE OF THE THREAD.
- THEN 2 BLACK BEADS ON THE RIGHT SIDE.
- THEN 2 WHITE BEADS ON THE LEFT SIDE.
- THEN 1 WHITE BEAD ON THE RIGHT SIDE.
- FINALLY, 1 BLACK ON THE LEFT SIDE. THEN SHE JOINS THE ENDS OF THE THREAD.

WHICH PICTURE SHOWS ANIA'S BRACELET WHEN SHE FINISHES?

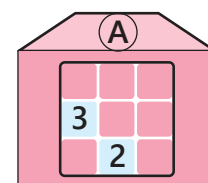


21. RANIM HAS THREE CARDS AND TWO ENVELOPES.

EACH ENVELOPE HAS TWO WINDOWS THROUGH WHICH RANIM CAN SEE TWO NUMBERS OF EACH CARD.



SHE CHOOSES TWO CARDS AND SLIDES ONE CARD INTO EACH ENVELOPE, AS IN THE EXAMPLE. THE SUM OF THE 4 VISIBLE NUMBERS IS 26.



WHICH CARD DID SHE PUT IN EACH ENVELOPE?

- (A) (A): CARD ①, (B): CARD ③.
- (B) (A): CARD ②, (B): CARD ①.
- (C) (A): CARD ③, (B): CARD ①.
- (D) (A): CARD ③, (B): CARD ②.
- (E) (A): CARD ①, (B): CARD ②.

22. AREK, DAREK, AND MAREK ARRIVED AT THE GYM AT DIFFERENT TIMES.

- AREK SAYS: "I ARRIVED FIRST."
- MAREK SAYS: "I ARRIVED BEFORE AREK."

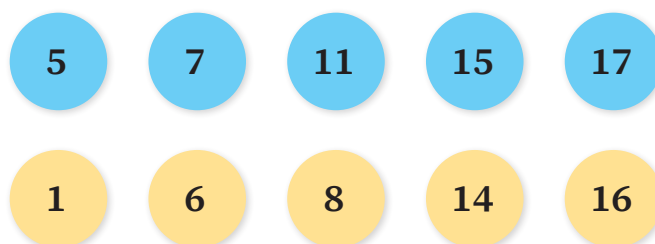
BOTH BOYS ARE LYING.

IN WHAT ORDER DID THE BOYS ARRIVE AT THE GYM?

- (A) AREK, MAREK, DAREK.
- (B) MAREK, DAREK, AREK.
- (C) DAREK, MAREK, AREK.
- (D) AREK, DAREK, MAREK.
- (E) DAREK, AREK, MAREK.



23. MARTINA HAS ARRANGED TEN NUMBERED TOKENS INTO TWO ROWS, AS SHOWN IN THE PICTURE.



SHE WANTS TO SWAP A TOKEN IN THE FIRST ROW WITH ONE IN THE SECOND ROW SO THAT THE NUMBERS IN EACH ROW THEN HAVE THE SAME TOTAL.

WHICH TOKEN MUST SHE TAKE FROM THE FIRST ROW?

- (A) 5
- (B) 7
- (C) 11
- (D) 15
- (E) 17

24. A CAT HAS 7 KITTENS. ONE OF THE MALE KITTENS IS CALLED ALBERT, AND ONE OF THE FEMALE KITTENS IS CALLED STELLA. STELLA HAS TWICE AS MANY BROTHERS AS ALBERT HAS.

HOW MANY SISTERS DOES STELLA HAVE?

- (A) 1
- (B) 2
- (C) 3
- (D) 4
- (E) 5

