COGNITA KIDS | FREE SAMPLE

CogAT Grade 2 Practice Sample

60 practice questions, an answer sheet, explained answers and a score guide

What's inside

- Verbal: 20 questions (analogies, sentence completion, classification)
- Quantitative: 20 questions (number series, number analogies, number puzzles)
- Nonverbal: 20 questions (figure matrices, paper folding, figure classification)
- Answer sheet, answers with an explanation for every question, and a score guide

How to use it

1. Print the pages. Your child marks answers on the answer sheet or circles them on the page.
2. Do one section at a time. There is no time limit for practice.
3. Read the directions and questions aloud for young readers.
4. Check answers together with the answer key, then use the score guide to see what to practice next.

These questions follow the same format as our full CogAT Grade 2 practice tests: the same three batteries and question types, with 4 answer choices each.

Analogies

Look at how the first two words go together. Pick the word that goes with the third word the same way.

1 Puppy is to Dog as Kitten is to ____.

(A) Horse (B) Fish (C) Cat (D) Bird

2 Hot is to Cold as Fast is to ____.

(A) Slow (B) Bright (C) Loud (D) Quick

3 Bird is to Nest as Bee is to ____.

(A) Hive (B) Honey (C) Flower (D) Wing

4 Fish is to Swim as Bird is to ____.

(A) Feather (B) Sky (C) Nest (D) Fly

5 Finger is to Hand as Toe is to ____.

(A) Sock (B) Leg (C) Foot (D) Shoe

6 Caterpillar is to Butterfly as Tadpole is to ____.

(A) Fish (B) Frog (C) Egg (D) Pond

7 Thermometer is to Temperature as Scale is to ____.

(A) Fish (B) Number (C) Weight (D) Measure

Sentence Completion

Pick the word that best finishes the sentence.

8 A baby bear is called a ____.

(A) Chick (B) Puppy (C) Kitten (D) Cub

9 The opposite of up is ____.

(A) Big (B) Fast (C) Down (D) Left

10 Before you eat dinner, you should ____ your hands.

(A) Hide (B) Throw (C) Wash (D) Draw

11 A place where you borrow books is called a ____.

(A) Library (B) Bank (C) Garage (D) Bakery

12 A group of fish swimming together is called a ____.

(A) Flock (B) Herd (C) School (D) Pack

13 A young sheep is called a ____.

(A) Calf (B) Lamb (C) Fawn (D) Kid

14 If you want to know the time, you should look at a ____.

(A) Clock (B) Book (C) Mirror (D) Map

Classification

Three words belong together. Pick the one that does NOT belong.

15 Which word does NOT belong?

(A) Carrot (B) Apple (C) Grape (D) Banana

16 Which word does NOT belong?

(A) Green (B) Circle (C) Blue (D) Red

17 Which word does NOT belong?

(A) Sandwich (B) Bicycle (C) Car (D) Truck

18 Which word does NOT belong?

(A) Tuesday (B) Monday (C) Friday (D) January

19 Which word does NOT belong?

(A) Purple (B) Sad (C) Angry (D) Happy

20 Which word does NOT belong?

(A) Violin (B) Painting (C) Piano (D) Guitar

Number Series

Find the pattern. Pick the number that goes in the blank.

21 **2, 4, 6, 8, ___**

A 12 B 14 C 9 D 10

22 **5, 10, 15, ___, 25**

A 22 B 20 C 24 D 18

23 **3, 6, 9, 12, ___**

A 14 B 18 C 16 D 15

24 **20, 18, 16, 14, ___**

A 10 B 12 C 11 D 13

25 **10, 20, 30, ___, 50**

A 40 B 35 C 45 D 60

26 **2, 6, 10, 14, ___**

A 16 B 20 C 18 D 22

27 **1, 2, 4, 7, ___**

A 10 B 14 C 11 D 12

Number Analogies

Find how the first two numbers go together. Do the same thing to the third number.

28 2 is to 6 as 5 is to ____.

A 15 B 12 C 20 D 10

29 8 is to 4 as 6 is to ____.

A 3 B 4 C 1 D 6

30 12 is to 4 as 9 is to ____.

A 6 B 4 C 2 D 3

31 3 is to 12 as 5 is to ____.

A 20 B 15 C 24 D 18

32 9 is to 3 as 15 is to ____.

A 8 B 5 C 6 D 3

33 4 is to 12 as 6 is to ____.

A 15 B 24 C 18 D 10

Number Puzzles

Read the story and solve it.

34 Sam has 5 stickers. He gets 7 more. How many does he have now?

A 10 B 11 C 13 D 12

35 There are 20 candies. 8 are eaten. How many are left?

A 8 B 14 C 10 D 12

36 A pack has 4 pencils. How many pencils are in 5 packs?

A 16 B 20 C 24 D 18

37 3 boxes hold 6 apples each. How many apples are there in all?

A 9 B 24 C 12 D 18

38 Half of 16 is ____.

A 8 B 10 C 9 D 6

39 A farmer has 12 eggs and sells half of them. How many are left?

A 4 B 10 C 8 D 6

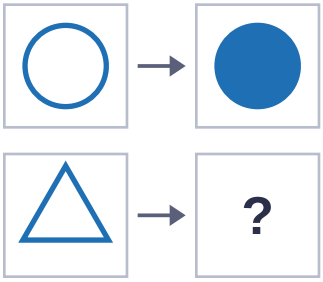
40 Today is Wednesday. What day will it be in 9 days?

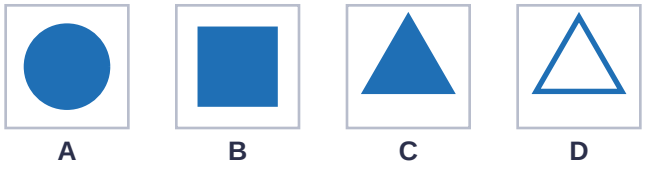
A Thursday B Saturday C Friday D Sunday

Figure Matrices

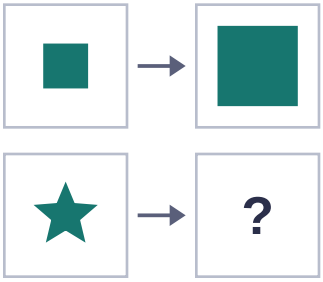
The top two boxes go together. Pick the answer that goes with the bottom box in the same way.

41



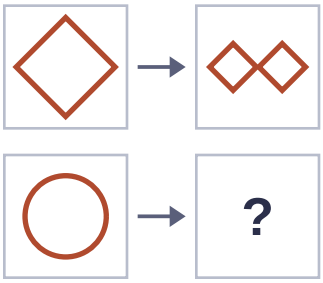


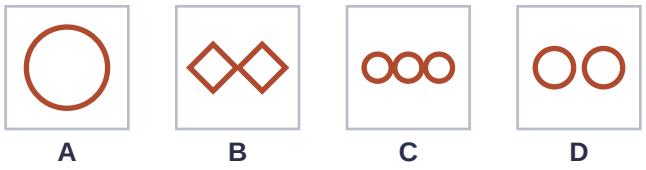
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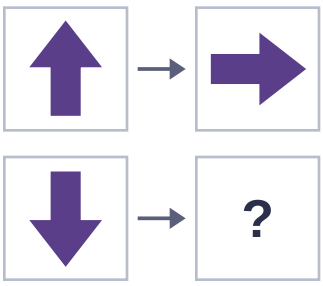


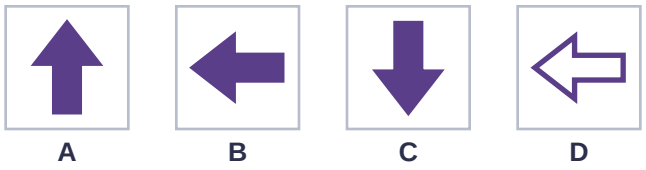
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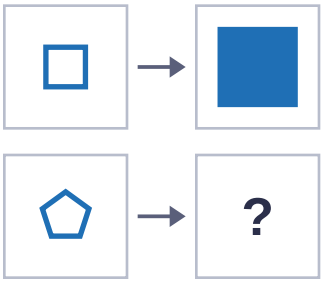


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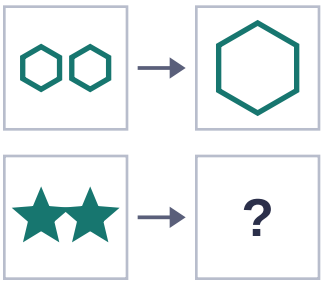


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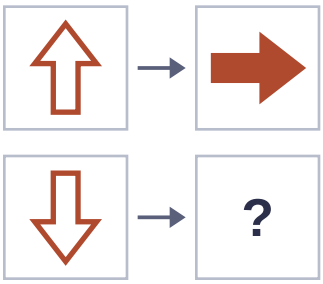


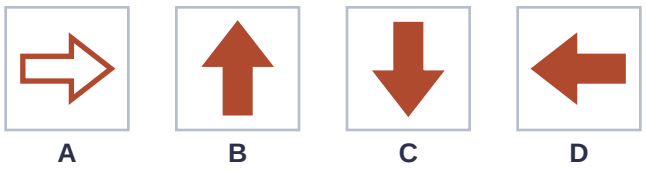
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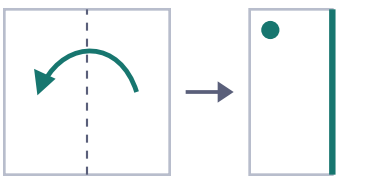


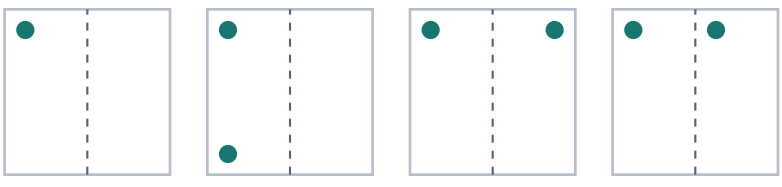


Paper Folding

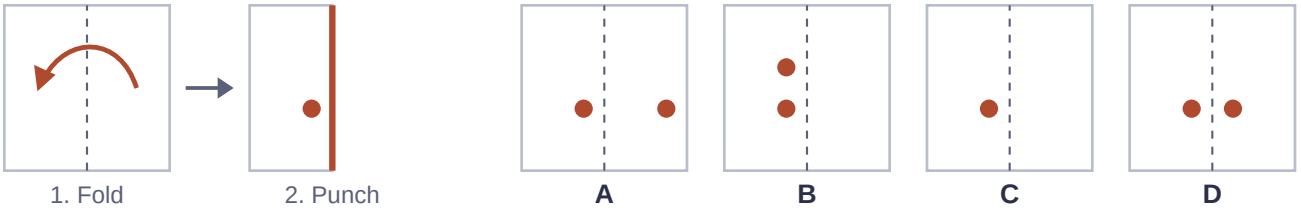
A square paper is folded, then holes are punched through it. Pick how it looks when it is unfolded.

48

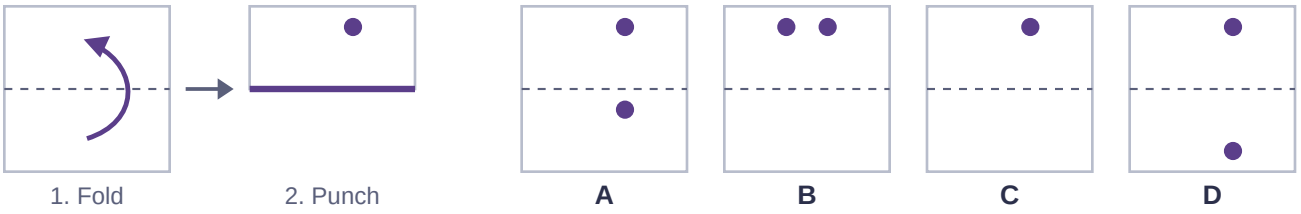




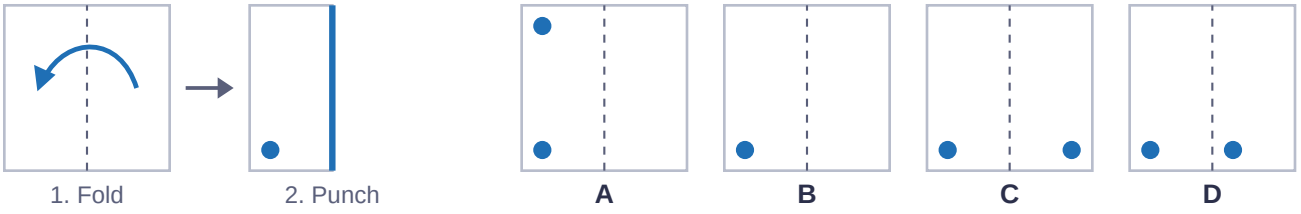
49


1. Fold
2. Punch
A
B
C
D

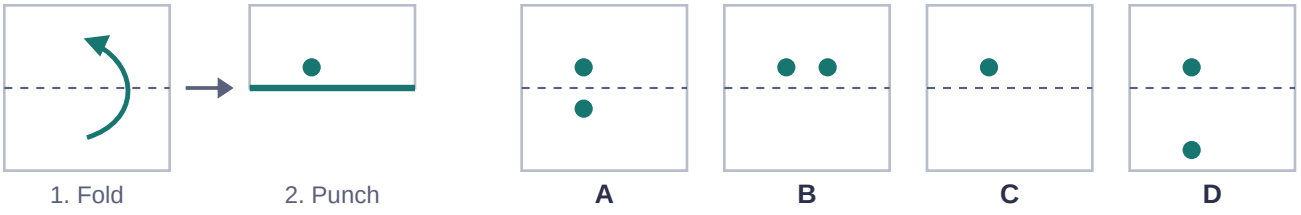
50


1. Fold
2. Punch
A
B
C
D

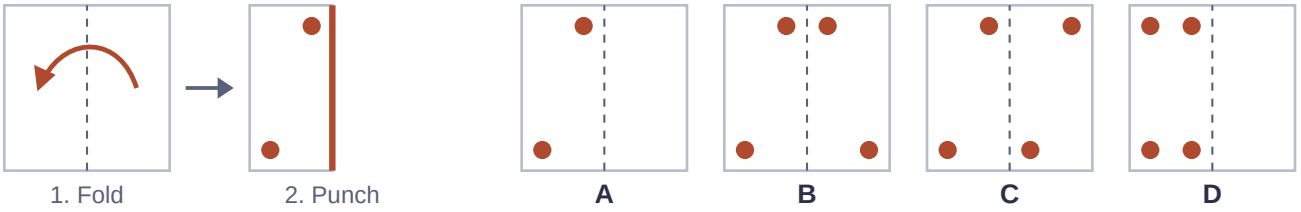
51


1. Fold
2. Punch
A
B
C
D

52


1. Fold
2. Punch
A
B
C
D

53


1. Fold
2. Punch
A
B
C
D

54

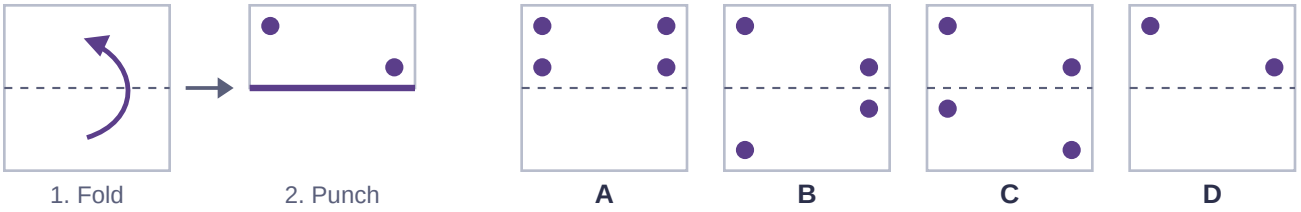
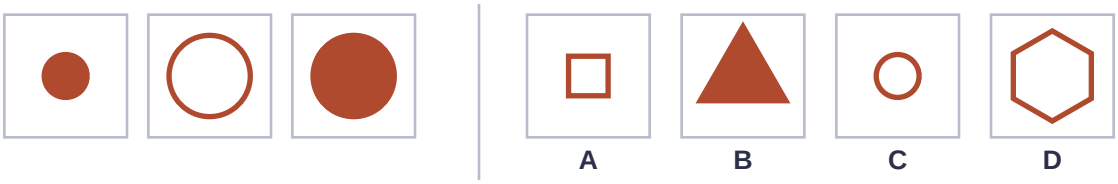


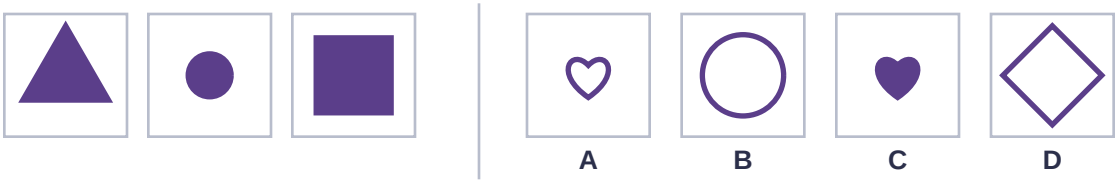
Figure Classification

The three shapes in the top row are alike in one way. Pick the answer that is alike in the same way.

55



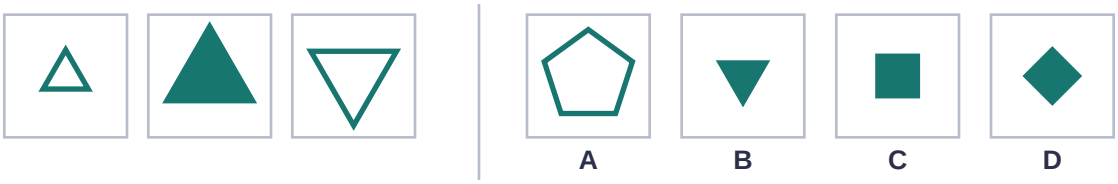
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57



58



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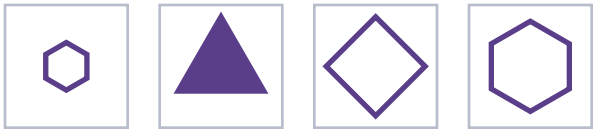




A B C D

60





A B C D

Answer Sheet

Name: _____ Date: _____

Fill in one circle for each question.

Verbal

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D
8	A	B	C	D
9	A	B	C	D
10	A	B	C	D
11	A	B	C	D
12	A	B	C	D
13	A	B	C	D
14	A	B	C	D
15	A	B	C	D
16	A	B	C	D
17	A	B	C	D
18	A	B	C	D
19	A	B	C	D
20	A	B	C	D

Verbal score: ____ / 20

Quantitative

21	A	B	C	D
22	A	B	C	D
23	A	B	C	D
24	A	B	C	D
25	A	B	C	D
26	A	B	C	D
27	A	B	C	D
28	A	B	C	D
29	A	B	C	D
30	A	B	C	D
31	A	B	C	D
32	A	B	C	D
33	A	B	C	D
34	A	B	C	D
35	A	B	C	D
36	A	B	C	D
37	A	B	C	D
38	A	B	C	D
39	A	B	C	D
40	A	B	C	D

Quantitative score: ____ / 20

Nonverbal

41	A	B	C	D
42	A	B	C	D
43	A	B	C	D
44	A	B	C	D
45	A	B	C	D
46	A	B	C	D
47	A	B	C	D
48	A	B	C	D
49	A	B	C	D
50	A	B	C	D
51	A	B	C	D
52	A	B	C	D
53	A	B	C	D
54	A	B	C	D
55	A	B	C	D
56	A	B	C	D
57	A	B	C	D
58	A	B	C	D
59	A	B	C	D
60	A	B	C	D

Nonverbal score: ____ / 20

Answers and Explanations

Verbal Battery

1	C	Cat	A puppy grows up to be a dog. A kitten grows up to be a cat.
2	A	Slow	Hot and cold are opposites. The opposite of fast is slow. Quick means the same as fast, so it is a trap.
3	A	Hive	A bird lives in a nest. A bee lives in a hive.
4	D	Fly	A fish moves by swimming. A bird moves by flying.
5	C	Foot	A finger is part of a hand. A toe is part of a foot.
6	B	Frog	A caterpillar grows into a butterfly. A tadpole grows into a frog.
7	C	Weight	A thermometer measures temperature. A scale measures weight.
8	D	Cub	A baby bear is a cub. A puppy is a baby dog, a kitten is a baby cat and a chick is a baby bird.
9	C	Down	Up and down are opposite directions.
10	C	Wash	We wash our hands before eating to get rid of germs.
11	A	Library	You borrow books from a library and bring them back later.
12	C	School	A group of fish is a school. A herd is cows, a flock is birds and a pack is wolves.
13	B	Lamb	A baby sheep is a lamb. A kid is a baby goat, a calf is a baby cow and a fawn is a baby deer.
14	A	Clock	A clock shows what time it is.
15	A	Carrot	Apple, banana and grape are fruits. A carrot is a vegetable.
16	B	Circle	Red, blue and green are colors. A circle is a shape.
17	A	Sandwich	A truck, a car and a bicycle are ways to travel. A sandwich is food.
18	D	January	Monday, Tuesday and Friday are days of the week. January is a month.
19	A	Purple	Happy, sad and angry are feelings. Purple is a color.
20	B	Painting	A guitar, a piano and a violin are instruments you play. A painting is art you look at.

Quantitative Battery

21	D	10	Each number is 2 more than the one before. 8 + 2 = 10.
22	B	20	The numbers count by 5s. 15 + 5 = 20, and 20 + 5 = 25 checks out.
23	D	15	Each number is 3 more than the one before. 12 + 3 = 15.
24	B	12	Each number is 2 less than the one before. 14 - 2 = 12.
25	A	40	The numbers count by 10s. 30 + 10 = 40, and 40 + 10 = 50 checks out.
26	C	18	Each number is 4 more than the one before. 14 + 4 = 18.
27	C	11	The jumps grow by 1 each time: +1, +2, +3. The next jump is +4, so 7 + 4 = 11.
28	A	15	2 times 3 is 6. So 5 times 3 is 15.
29	A	3	Half of 8 is 4. So half of 6 is 3.
30	D	3	12 split into 3 equal groups is 4. So 9 split into 3 equal groups is 3.
31	A	20	3 times 4 is 12. So 5 times 4 is 20.
32	B	5	9 split into 3 equal groups is 3. So 15 split into 3 equal groups is 5.
33	C	18	4 times 3 is 12. So 6 times 3 is 18.
34	D	12	5 + 7 = 12 stickers.
35	D	12	20 - 8 = 12 candies.
36	B	20	5 packs of 4 is 4 + 4 + 4 + 4 + 4 = 20 pencils.
37	D	18	3 groups of 6 is 6 + 6 + 6 = 18 apples.
38	A	8	Half means 2 equal parts. 8 + 8 = 16, so half of 16 is 8.
39	D	6	Half of 12 is 6. He sells 6, so 6 are left.

40	**C Friday**	In 7 days it is Wednesday again. 2 more days makes it Friday.

Nonverbal Battery

41	**C**	In the top row the circle stays the same shape but gets colored in. So the outlined triangle becomes a colored-in triangle.
42	**B**	In the top row the small square becomes a big square. So the small star becomes a big star.
43	**D**	In the top row one diamond becomes two diamonds. So one circle becomes two circles.
44	**B**	In the top row the arrow turns a quarter turn clockwise, from pointing up to pointing right. A quarter turn clockwise makes the down arrow point left.
45	**B**	In the top row two things change: the shape gets colored in and gets bigger. Do both to the pentagon: it becomes a big, colored-in pentagon.
46	**D**	In the top row two hexagons become one hexagon. So two colored-in stars become one colored-in star.
47	**D**	In the top row the arrow makes a quarter turn clockwise and gets colored in. Do both to the down arrow: it points left and is colored in.
48	**C**	The paper is folded in half from side to side. Unfolding it makes a mirror copy of every hole on the other side of the fold, at the same height.
49	**D**	The paper is folded in half from side to side. Unfolding it makes a mirror copy of every hole on the other side of the fold, at the same height.
50	**D**	The paper is folded in half from top to bottom. Unfolding it makes a mirror copy of every hole on the other side of the fold, straight below it.
51	**C**	The paper is folded in half from side to side. Unfolding it makes a mirror copy of every hole on the other side of the fold, at the same height.
52	**A**	The paper is folded in half from top to bottom. Unfolding it makes a mirror copy of every hole on the other side of the fold, straight below it.
53	**B**	The paper is folded in half from side to side. Unfolding it makes a mirror copy of every hole on the other side of the fold, at the same height.
54	**B**	The paper is folded in half from top to bottom. Unfolding it makes a mirror copy of every hole on the other side of the fold, straight below it.
55	**C**	All three are circles, big or small, colored in or not. Only one answer is a circle.
56	**C**	All three shapes are colored in. Only one answer is colored in.
57	**A**	Each box has exactly two shapes. Only one answer has two shapes.
58	**B**	All three are triangles, even the one turned upside down. Only one answer is a triangle.
59	**B**	None of the three shapes is colored in: they are outlines only. Only one answer is an outline.
60	**A**	All three shapes are small. Only one answer is a small shape.

Score Guide

Count the correct answers in each battery and write them below. Then use the guide to choose what to practice next.

Verbal: _____ / 20

Quantitative: _____ / 20

Nonverbal: _____ / 20

Total: _____ / 60

Score in a battery	Meaning	What to do next
18-20	**Strong**	Keep skills fresh with a full-length practice test every week or two.
14-17	**On track**	Review every missed question together and talk about why the right answer works.
10-13	**Building**	Practice this battery a little each day, a few questions at a time, reading the explanations together.
0-9	**Needs practice**	Start with easier examples, talk through each question type out loud, then try again.

Tips by battery

Verbal Ask your child to say how the words go together in a sentence, like "a puppy grows up to be a dog."

Quantitative Have your child say the rule out loud ("add 2 each time") and check it on every number before choosing.

Nonverbal Ask "What changed?" for each picture. For paper folding, fold and punch a real piece of paper together.

This score guide is for practice only. It does not predict an official CogAT score or percentile, which depend on your child's age and the national norms used by the test publisher.

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