

JOHNS HOPKINS
U N I V E R S I T Y

Center for Talented Youth

SCAT

School and College Ability Tests

PRACTICE TEST FOR 6TH Graders

Directions

Mark your answers on the separate answer sheet. Mark only one answer for each question. If you want to change an answer, erase your first mark completely.

Note: The actual CTY test will be delivered via computer, will have more items, more difficult items and will include topics not covered in the shortened practice test.

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School and College Ability Tests

Part I — 5 minutes

Directions

Each question begins with two words. These two words go together in a certain way. Under them, there are four other pairs of words lettered A, B, C, and D.

Find the lettered pair of words that go together in the same way as the first pair of words.

- 1 alphabet : letter ::
 - A novel : mystery
 - B synthesis : opinion
 - C orchestra : instrument
 - D data : quantity
 - 2 calf : cow ::
 - A puppy : dog
 - B nest : bird
 - C horse : bull
 - D shell : turtle
 - 3 radiant : somber ::
 - A savory : delightful
 - B pandemonium : din
 - C intrepid : obvious
 - D ample : scant
 - 4 esteem : admirable ::
 - A disapproval : imitated
 - B disdain : repugnant
 - C envy : dismissed
 - D favor : contentious
 - 5 likeness : caricature ::
 - A poem : song
 - B photograph : portrait
 - C fiction : nonfiction
 - D drama : parody
 - 6 pseudonym : author ::
 - A title : nobility
 - B degree : scholar
 - C alias : lawbreaker
 - D mask : costumer
 - 7 myopia : nearsightedness ::
 - A vertigo : dizziness
 - B neurosis : psychosis
 - C epidemic : fever
 - D apoplexy : anger
 - 8 symphony : note ::
 - A graph : bar
 - B code : language
 - C novel : short story
 - D painting : brushstroke
 - 9 hermit : solitary ::
 - A donor : sacrificial
 - B inquisitor : malicious
 - C pessimist : negative
 - D politician : eloquent
 - 10 liter : liquid ::
 - A pound : ton
 - B hectare : land
 - C mile : furlong
 - D meter : volume
-

Part II — 5 minutes

Directions

Each of the following questions has two parts. One part is in Column A. The other part is in Column B.

You must find out if one part is greater than the other, if the parts are equal, or if not enough information is given for you to decide.

Then, choose one of the four answers below:

A if the part in Column A is greater,
 B if the part in Column B is greater,
 C if the two parts are equal,
 D if not enough information is given for you to decide.

Note: Letters such as x , n , and k stand for real numbers. If the same letter appears in both columns of a question it stands for the same number

Column A

Column B

- | | |
|---|--|
| 1. $0.720 + 0.004$ | $0.072 + 0.400$ |
| | |
| 2. The value of X
if $3x - 1 = 14$ | The value of Y
if $3y + 1 = 11$ |
| | |
| 3. n | $n < 8$
6 |
| | |
| 4. The value of a number
if 6 times the number
is 6 | The value of a number
if 5 times the number
is 5 |
| | |
| 5. The greatest odd number
less than 29 | The least odd number
greater than 27 |

Column A

Column B

- | | |
|---|---|
| 6. $3 \text{ hours } 40 \text{ minutes}$
$+ 2 \text{ hours } 40 \text{ minutes}$ | $7 \text{ hours } 20 \text{ minutes}$
$- 40 \text{ minutes}$ |
| | |
| 7. 25% | $\frac{3}{8}$ |
| | |
| 8. A distance of 10 meters | A distance of
$\frac{1}{10}$ kilometer |
| | |
| 9. Number of days in
month A | 30 days |
| | |
| 10. 2×4 | $2 \times \pi$ |
| | |

Answer Key

Verbal

- 1.C
- 2.A
- 3.D
- 4.B
- 5.B
- 6.C
- 7.A
- 8.D
- 9.C
- 10.B

Quantitative

- 1.A
- 2.A
- 3.D
- 4.C
- 5.B
- 6.B
- 7.B
- 8.B
- 9.D
- 10.A