



## National Elfe Survey 3.5 years Face-to-face

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## 1. GENERAL INFORMATION

**INTRO:** The interviewer arrives at the child's home. S/he briefly explains how the visit will proceed, based on the information given in the contact sheet, before opening his/her computer.

**AGE3A** (*constructed variable*)

Child's age at the time of interview (in months)

**AGE3AJR** (*constructed variable*)

Child's age at the time of interview (in days)

**\*DATEJ**

Contact date: day |\_\_|\_\_|

**\*DATEM**

Contact date: month |\_\_|\_\_|

**DATEA**

Contact date: year |\_\_|\_\_|

**DURCONTACTH**

Start of interview (hour)

**DURCONTACTM**

Start of interview (minute)

**INT:** INTRODUCE YOURSELF TO THE CHILD TO GAIN HIS/HER TRUST IF YOU SENSE THAT HE/SHE IS SHY OR IF YOU HAVE NEVER MET HIM/HER BEFORE. "We're going to play some games together. I hope that's OK with you."

## 2. DRAWING

**INTRO:** The interviewer asks the child to draw a man on a sheet of white unlined A4 paper that s/he has brought with him/her, presented to the child in portrait format (vertical). If the child has his/her own colour crayons or felt pens, s/he can use them to draw the picture (using several colours if s/he wishes). S/he is not allowed to use an eraser. The picture must be drawn from memory, with no visible model that the child can copy.

**INT TO CHILD:** "You are going to draw a picture of a man on this sheet of paper. Draw me a nice picture and take your time." PLACE THE CHILD CLOSE TO YOU SO THAT YOU CAN SEE WHICH HAND(S) S/HE USES TO DRAW WITH. IF THE CHILD DRAWS SOMETHING OTHER THAN A MAN (A HOUSE...), GENTLY REMIND HIM/HER ONCE TO DRAW A MAN.

### **DESSIN**

**Did the child draw a picture?**

- 1 Yes, immediately
- 2 Yes, but s/he needed some encouragement
- 3 Yes, but s/he needed a lot of encouragement
- 4 No

*IF DESSIN NE 4*

**Which hand did s/he use?**

### **DESSINMAIN**

- 1 Right hand
- 2 Left hand
- 3 Both hands

### **\*GRAND**

**INT TO CHILD:** "And I wanted to ask you something: what would you like to do when you grow up?"

**INT:** PRAISE THE CHILD FOR HIS/HER PICTURE THEN MOVE ON USE THIS PRECISE WORDING AND NOT OTHER WORDS LIKE "DREAM" OR "JOBS". SEVERAL ANSWERS ACCEPTED. IF THE CHILD REFUSES TO ANSWER, NOTE DOWN "REFUSAL" AND HIS/HER REACTION.

### 3. BAS

**INT:** NOTE THE NUMBER OF THE COLUMN IN WHICH THE CHILD PLACED THE RELEVANT IMAGE.

**INT:** IF THE CHILD CHANGES HIS/HER ANSWER SPONTANEOUSLY, NOTE THE LAST ANSWER. IF THE CHILD CHANGES HIS/HER ANSWER SEVERAL TIMES, ASK IF S/HE IS HAPPY WITH THE LAST ANSWER OR IF S/HE DOESN'T KNOW.

**INT:** YOU MUST NEVER PRAISE THE CHILD (EXCEPT ON TEST PAGE 4). YOU MUST REMAIN NEUTRAL AND USE WORDING SUCH AS "LET'S CARRY ON" OR "ANOTHER PICTURE", "HERE'S A NEW PICTURE" TO MAINTAIN THE CHILD'S ATTENTION. THE PARENTS MUST NOT INTERVENE.

*[Prog: if 6 wrong answers in 8 consecutive questions, stop test and move on to APREBAS]*

#### **REPBAS1** (constructed variable)

##### **Answer BAS1**

- 0 Incorrect ⇐ IF BAS1=(1, 2, 4)
- 1 Correct ⇐ IF BAS1=3
- 8 Refusal ⇐ IF BAS1=8
- 9 DON'T KNOW ⇐ IF BAS1=9

#### **REPBAS2** (constructed variable)

##### **Answer BAS2**

- 0 Incorrect ⇐ IF BAS2=(2, 3, 4)
- 1 Correct ⇐ IF BAS2=1
- 8 Refusal ⇐ IF BAS2=8
- 9 DON'T KNOW ⇐ IF BAS2=9

#### **REPBAS3** (constructed variable)

##### **Answer BAS3**

- 0 Incorrect ⇐ IF BAS3=(1, 2, 4)
- 1 Correct ⇐ IF BAS3=3
- 8 Refusal ⇐ IF BAS3=8
- 9 DON'T KNOW ⇐ IF BAS3=9

#### **REPBAS4** (constructed variable)

##### **Answer BAS4**

- 0 Incorrect ⇐ IF BAS4=(1, 3, 4)
- 1 Correct ⇐ IF BAS4=2
- 8 Refusal ⇐ IF BAS4=8
- 9 DON'T KNOW ⇐ IF BAS4=9

#### **REPBAS5** (constructed variable)

##### **Answer BAS5**

- 0 Incorrect ⇐ IF BAS5=(2, 3, 4)
- 1 Correct ⇐ IF BAS5=1
- 8 Refusal ⇐ IF BAS5=8
- 9 DON'T KNOW ⇐ IF BAS5=9

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**REPBAS6** (*constructed variable*)

**Answer BAS6**

- 0 Incorrect ⇐ IF BAS6=(1, 2, 3)
- 1 Correct ⇐ IF BAS6=4
- 8 Refusal ⇐ IF BAS6=8
- 9 DON'T KNOW ⇐ IF BAS6=9

**REPBAS7** (*constructed variable*)

**Answer BAS7**

- 0 Incorrect ⇐ IF BAS7=(1, 3, 4)
- 1 Correct ⇐ IF BAS7=2
- 8 Refusal ⇐ IF BAS7=8
- 9 DON'T KNOW ⇐ IF BAS7=9

**REPBAS8** (*constructed variable*)

**Answer BAS8**

- 0 Incorrect ⇐ IF BAS8=(1, 3, 4)
- 1 Correct ⇐ IF BAS8=2
- 8 Refusal ⇐ IF BAS8=8
- 9 DON'T KNOW ⇐ IF BAS8=9

**REPBAS9** (*constructed variable*)

**Answer BAS9**

- 0 Incorrect ⇐ IF BAS9=(2, 3, 4)
- 1 Correct ⇐ IF BAS9=1
- 8 Refusal ⇐ IF BAS9=8
- 9 DON'T KNOW ⇐ IF BAS9=9

**REPBAS10** (*constructed variable*)

**Answer BAS10**

- 0 Incorrect ⇐ IF BAS10=(1, 2, 3)
- 1 Correct ⇐ IF BAS10=4
- 8 Refusal ⇐ IF BAS10=8
- 9 DON'T KNOW ⇐ IF BAS10=9

**REPBAS11** (*constructed variable*)

**Answer BAS11**

- 0 Incorrect ⇐ IF BAS11=(1, 2, 4)
- 1 Correct ⇐ IF BAS11=3
- 8 Refusal ⇐ IF BAS11=8
- 9 DON'T KNOW ⇐ IF BAS11=9

**REPBAS12** (*constructed variable*)

**Answer BAS12**

- 0 Incorrect ⇐ IF BAS12=(2, 3, 4)
- 1 Correct ⇐ IF BAS12=1
- 8 Refusal ⇐ IF BAS12=8
- 9 DON'T KNOW ⇐ IF BAS12=9

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**REPBAS13** (*constructed variable*)

**Answer BAS13**

- 0 Incorrect ⇐ IF BAS13=(2, 3, 4)
- 1 Correct ⇐ IF BAS13=1
- 8 Refusal ⇐ IF BAS13=8
- 9 DON'T KNOW ⇐ IF BAS13=9

**REPBAS14** (*constructed variable*)

**Answer BAS14**

- 0 Incorrect ⇐ IF BAS14=(1, 2, 4)
- 1 Correct ⇐ IF BAS14=3
- 8 Refusal ⇐ IF BAS14=8
- 9 DON'T KNOW ⇐ IF BAS14=9

**REPBAS15** (*constructed variable*)

**Answer BAS15**

- 0 Incorrect ⇐ IF BAS15=(1, 3, 4)
- 1 Correct ⇐ IF BAS15=2
- 8 Refusal ⇐ IF BAS15=8
- 9 DON'T KNOW ⇐ IF BAS15=9

**REPBAS16** (*constructed variable*)

**Answer BAS16**

- 0 Incorrect ⇐ IF BAS16=(1, 3, 4)
- 1 Correct ⇐ IF BAS16=2
- 8 Refusal ⇐ IF BAS16=8
- 9 DON'T KNOW ⇐ IF BAS16=9

**REPBAS17** (*constructed variable*)

**Answer BAS17**

- 0 Incorrect ⇐ IF BAS17=(1, 2, 4)
- 1 Correct ⇐ IF BAS17=3
- 8 Refusal ⇐ IF BAS17=8
- 9 DON'T KNOW ⇐ IF BAS17=9

**REPBAS18** (*constructed variable*)

**Answer BAS18**

- 0 Incorrect ⇐ IF BAS18=(1, 2, 3)
- 1 Correct ⇐ IF BAS18=4
- 8 Refusal ⇐ IF BAS18=8
- 9 DON'T KNOW ⇐ IF BAS18=9

**REPBAS19** (*constructed variable*)

**Answer BAS19**

- 0 Incorrect ⇐ IF BAS19=(2, 3, 4)
- 1 Correct ⇐ IF BAS19=1
- 8 Refusal ⇐ IF BAS19=8
- 9 DON'T KNOW ⇐ IF BAS19=9

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**REPBAS20** (*constructed variable*)

**Answer BAS20**

- 0 Incorrect ⇐ IF BAS20=(1, 2, 4)
- 1 Correct ⇐ IF BAS20=3
- 8 Refusal ⇐ IF BAS20=8
- 9 DON'T KNOW ⇐ IF BAS20=9

**REPBAS21** (*constructed variable*)

**Answer BAS21**

- 0 Incorrect ⇐ IF BAS20=(1, 2, 4)
- 1 Correct ⇐ IF BAS21=1
- 8 Refusal ⇐ IF BAS21=8
- 9 DON'T KNOW ⇐ IF BAS21=9

**REPBAS22** (*constructed variable*)

**Answer BAS22**

- 0 Incorrect ⇐ IF BAS22=(1, 3, 4)
- 1 Correct ⇐ IF BAS22=2
- 8 Refusal ⇐ IF BAS22=8
- 9 DON'T KNOW ⇐ IF BAS22=9

**REPBAS23** (*constructed variable*)

**Answer BAS23**

- 0 Incorrect ⇐ IF BAS23=(1, 3, 4)
- 1 Correct ⇐ IF BAS23=2
- 8 Refusal ⇐ IF BAS23=8
- 9 DON'T KNOW ⇐ IF BAS23=9

**REPBAS24** (*constructed variable*)

**Answer BAS24**

- 0 Incorrect ⇐ IF BAS24=(2, 3, 4)
- 1 Correct ⇐ IF BAS24=1
- 8 Refusal ⇐ IF BAS24=8
- 9 DON'T KNOW ⇐ IF BAS24=9

**REPBAS25** (*constructed variable*)

**Answer BAS25**

- 0 Incorrect ⇐ IF BAS25=(1, 2, 4)
- 1 Correct ⇐ IF BAS25=3
- 8 Refusal ⇐ IF BAS25=8
- 9 DON'T KNOW ⇐ IF BAS25=9

**REPBAS26** (*constructed variable*)

**Answer BAS26**

- 0 Incorrect ⇐ IF BAS26=(1, 2, 3)
- 1 Correct ⇐ IF BAS26=4
- 8 Refusal ⇐ IF BAS26=8
- 9 DON'T KNOW ⇐ IF BAS26=9

**REPBAS27** (*constructed variable*)

**Answer BAS27**

- 0 Incorrect ⇐ IF BAS27=(1, 2, 3)
- 1 Correct ⇐ IF BAS27=4
- 8 Refusal ⇐ IF BAS27=8
- 9 DON'T KNOW ⇐ IF BAS27=9

**REPBAS28** (*constructed variable*)

**Answer BAS28**

- 0 Incorrect ⇐ IF BAS28=(1, 2, 4)
- 1 Correct ⇐ IF BAS28=3
- 8 Refusal ⇐ IF BAS28=8
- 9 DON'T KNOW ⇐ IF BAS28=9

**REPBAS29** (*constructed variable*)

**Answer BAS29**

- 0 Incorrect ⇐ IF BAS29=(2, 3, 4)
- 1 Correct ⇐ IF BAS29=1
- 8 Refusal ⇐ IF BAS29=8
- 9 DON'T KNOW ⇐ IF BAS29=9

**REPBAS30** (*constructed variable*)

**Answer BAS30**

- 0 Incorrect ⇐ IF BAS30=(2, 3, 4)
- 1 Correct ⇐ IF BAS30=1
- 8 Refusal ⇐ IF BAS30=8
- 9 DON'T KNOW ⇐ IF BAS30=9

**REPBAS31** (*constructed variable*)

**Answer BAS31**

- 0 Incorrect ⇐ IF BAS31=(1, 3, 4)
- 1 Correct ⇐ IF BAS31=2
- 8 Refusal ⇐ IF BAS31=8
- 9 DON'T KNOW ⇐ IF BAS31=9

**REPBAS32** (*constructed variable*)

**Answer BAS32**

- 0 Incorrect ⇐ IF BAS32=(1, 3, 4)
- 1 Correct ⇐ IF BAS32=2
- 8 Refusal ⇐ IF BAS32=8
- 9 DON'T KNOW ⇐ IF BAS32=9

**REPBAS33** (*constructed variable*)

**Answer BAS33**

- 0 Incorrect ⇐ IF BAS33=(1, 2, 3)
- 1 Correct ⇐ IF BAS33=4
- 8 Refusal ⇐ IF BAS33=8
- 9 DON'T KNOW ⇐ IF BAS33=9

**INT TO CHILD:** "We've finished the first game now. Let's carry on with some more short games if that's OK with you."



**SCOREBASB1** (*constructed variable*)

Raw score (number of correct answers)

**SCOREBASR0** (*constructed variable*)

Number of incorrect answers

**SCOREBASR8** (*constructed variable*)

Number of refusals to answer

**SCOREBASR9** (*constructed variable*)

Number of “don’t know” answers

**SCOREBASRAW** (*constructed variable*)

Raw score: Picture Similarities Test, British Ability Scales

**SCOREBASRAWSUM** (*constructed variable*)

Theoretical maximum number of test pages: takes account of the child’s age and the proportion of correct answers given (Picture Similarities Test, British Ability Scales) (cf. protocol)

**SCOREBASABIL** (*constructed variable*)

Ability score after taking account of age, Picture Similarities Test, British Ability Scales

**SCOREBASPERC** (*constructed variable*)

Ability score percentile based on the specific age reference of the British Ability Scales

**APREBAS**

Do you think that the child answered seriously (s/he didn’t deliberately give wrong answers)?

1 Yes

2 No

9 Don’t know

## 4. VISION TESTS

### a. Vision

#### LUNETTES

**INT TO PARENT:** Does [Elfe child] usually wear glasses?

- 1 Yes
- 2 No

**INT:** IF THE CHILD WAS PRESCRIBED GLASSES BUT WEARS THEM RARELY OR NEVER, CODE NO

*IF LUNETTES=1*

#### BASLUNET

**Did [Elfe child] wear his/her glasses to do the previous test (BAS test)?**

- 1 Yes
- 2 No

*IF LUNETTES=1*

#### CACHE

**INT TO PARENT:** Does [Elfe child] wear an EYEPATCH?

- 1 Yes, on his/her right eye
- 2 Yes, on his/her left eye

*IF LUNETTES=1*

#### LUNETMISES

**First test with glasses**

**INT:** IF THE CHILD IS NOT WEARING HIS/HER GLASSES, ASK THE PARENT: "CAN [ELFE CHILD] PUT HIS/HER GLASSES ON NOW?"

- 1 Yes (Glasses put on or already on)

**INT:** BRIEF REMINDER OF MAIN STAGES:

- PLACE THE BOOKLET 30 CM FROM THE CHILD'S EYES
- DO NOT HESITATE TO ASK FOR MORE LIGHT IF NECESSARY
- START WITH THE TEST WITH GLASSES IF THE CHILD USUALLY WEARS THEM

**ATTENTION:** ONLY SHOW THE MIDDLE IMAGE

**LAST VALIDATED LEVEL:** IF MIDDLE IMAGE + AT LEAST ONE SIDE IMAGE

- IN THE EVENT OF FAILURE, RETURN TO PREVIOUS PAGE(S) UNTIL A LAST LEVEL IS VALIDATED
- REPOSITION THE CHILD IF S/HE MOVES CLOSER

**INT:** IF THE CHILD TRIES TO MOVE CLOSER TO THE BOOKLET "IN THIS GAME YOU MUSTN'T MOVE EVEN IF THE PICTURES GET SMALLER AND SMALLER."

**INT:** BEFORE STARTING THE TEST, LET THE CHILD TRY OUT THE TEST WITH THE PRACTICE PAGES (PAGES 4 AND 5). IF THE CHILD GIVES A WRONG ANSWER, SHOW HIM/HER THE RIGHT IMAGE.

IF LUNETTES=2 OU LUNETMISES=1

**VISIONHAB**

**After testing with the pages for “binocular vision under habitual conditions” (pages 7 to 14), what is the last validated level for near vision?**

- 1 No level was validated (the child tried but didn't succeed)
- 2 A20
- 3 A12
- 4 A10
- 5 A8
- 6 A6
- 7 A5
- 8 A4
- 9 A3

88 Refusal, didn't want to play the game

99 Test not done (if child has health problems that make it impossible to perform the test)

**INT: NOTE DOWN THE LAST VALIDATED LEVEL, I.E. THE CARD ON WHICH THE CHILD RECOGNIZED THE MIDDLE IMAGE AND AT LEAST ONE SIDE IMAGE ETC.**

IF VISIONHAB=99

**VISIONHABP**

**Specify:** \_\_\_\_\_

**INT: IF LUNETMISES=1, A SECOND TEST MUST NOW BE DONE WITHOUT GLASSES. ASK THE PARENT TO REMOVE THEM “NOW WE NEED YOUR CHILD TO TAKE OFF HIS/HER GLASSES” IF LUNETMISES=2 “NOW WE WILL DO THE TEST WITHOUT GLASSES.”**

IF LUNETTES=1

**VISIONSSLUN**

**INT: After testing with the pages for “binocular vision under habitual conditions” (pages 7 to 14), what is the last validated level for near vision?**

- 1 No level was validated (the child tried but didn't succeed)
- 2 A20
- 3 A12
- 4 A10
- 5 A8
- 6 A6
- 7 A5
- 8 A4
- 9 A3

88 Refusal, didn't want to play the game

99 Test not done (if child has health problems that make it impossible to perform the test)

IF VISIONSSLUN=99

**VISIONSSLUNP**

**Specify:** \_\_\_\_\_

IF VISIONHAB NE (99, 88) OU VISIONSSLUN NE (99, 88)

**DISTTEST**

**INT: The tests were done with a distance between the child's eyes and the booklet of:**

- 1 30 cm or slightly more
- 2 20-30 cm
- 3 Below 20 cm
- 4 Distances varied during the test

IF VISIONHAB NE (99, 88) OU VISIONSSLUN NE (99, 88)

**APPLIQTEST**

**INT: Do you think that the child answered seriously?**

- 1 Yes
- 2 No
- 9 Don't know

**b. Praxis**

**INT: OPEN THE BOOKLET ON THE "PRAXIS" PAGE (PAGE 24) WITH THE PICTURE OF TWO HANDS AND SAY TO THE CHILD: "Look what I'm doing with my hands now! Look, I'm putting them like this, can you do the same as me? Try!"**

**PRAXIE**

**INT: Can [Elfe child] put his/her hands in the same position as you? 1st ATTEMPT**

- 1 Yes, success
- 2 No, failure
- 8 Didn't try, refusal
- 99 Test not done (if child has health problems that make it impossible to perform the test)

**INT: THE ANSWER MUST BE CODED "YES, SUCCESS" IF THE THREE FOLLOWING CONDITIONS ARE MET:**

- THE TIP OF THE THUMB OF ONE HAND IS TOUCHING THE TIP OF THE 5TH FINGER OF THE OTHER HAND;
- BOTH HANDS ARE IN THE SAME PLANE;
- PALMS ARE FACING IN OPPOSITE DIRECTIONS.

IF PRAXIE=2

**PRAXIEBIS**

**INT: Propose a second test. "Look carefully at my hands, they are like this" - 2ND ATTEMPT: Can [Elfe child] put his/her hands in the same position as you?**

- 1 Yes, success
- 2 No, failure
- 8 Didn't try, refusal

**INT: THE ANSWER MUST BE CODED "YES, SUCCESS" IF THE THREE FOLLOWING CONDITIONS ARE MET:**

- THE TIP OF THE THUMB OF ONE HAND IS TOUCHING THE TIP OF THE 5TH FINGER OF THE OTHER HAND;
- BOTH HANDS ARE IN THE SAME PLANE;
- PALMS ARE FACING IN OPPOSITE DIRECTIONS.

### c. Fixing on an object

**INT: OPEN THE BOOKLET ON THE “FIXING ON AN OBJECT” PAGE (PAGE 25). GET IN THE RIGHT POSITION BEFORE STARTING THE TIMER AND STOP IT WHEN THE BELL RINGS. HOLD A CRAYON IN FRONT OF YOU. THE CRAYON MUST BE AROUND 60 CM FROM THE CHILD.**

**“Now let’s play another little game. Look at my crayon for 10 seconds without moving your eyes or your head. You must keep looking at it all the time. Are you ready? Let’s count until we hear “stop”. Will you count with me? 1..., 2..., ...”**

#### **FIXATION**

**Can [Elfe child] stare at the object without moving his/her head or eyes?**

- 1 Yes
- 2 No
- 8 Didn’t try, refusal
- 9 Test not done (if child has health problems that make it impossible to perform the test)

*IF FIXATION=2*

#### **FIXATIONBIS**

**Can [Elfe child] stare at the object without moving his/her head or eyes?**

**INT TO CHILD: “This is a difficult game. Shall we try again?”**

- 1 Yes
- 2 No
- 8 Didn’t try, refusal

### d. Superimposed images

#### **IMAGENCHEV**

**INT: Ask the child what s/he sees in the picture on the “superimposed images” page (page 27).**

**“What can you see in this picture?”**

**INT: YOU CAN ENCOURAGE THE CHILD: “AND CAN YOU SEE ANYTHING ELSE?”**

- 1 Played the game
- 8 Didn’t try, refusal
- 9 Test not done (if child has health problems that make it impossible to perform the test)

*IF IMAGENCHEV=1*

#### **SEAU**

**Did [Elfe child] name the bucket?**

- 1 Yes
- 2 No (said words that had nothing to do with a bucket)

**INT: ACCEPTED ANSWERS: BOWL, POT, GLASS (CONTAINER)...**

*IF IMAGENCHEV=1*

#### **BALAI**

**Did [Elfe child] name the broom?**

- 1 Yes
- 2 No (said words that had nothing to do with a broom)

**INT: ACCEPTED ANSWERS: BRUSH, SWEEPER...**

IF IMAGENCHEV=1

**CRAYON**

**Did [Elfe child] name the crayon?**

- 1 Yes
- 2 No (said words that had nothing to do with a crayon)

INT: ACCEPTED ANSWERS: FELT PEN...

### e. Drawing

**INT: NOW THAT THE CHILD IS MORE FAMILIAR WITH YOU, ASK HIM/HER AGAIN TO DRAW A MAN ON A SHEET OF WHITE UNLINED A4 PAPER THAT YOU HAVE BROUGHT WITH YOU, PRESENTED TO HIM/HER IN PORTRAIT FORMAT (VERTICAL). IF THE CHILD HAS HIS/HER OWN COLOUR CRAYONS OR FELT PENS, S/HE CAN USE THEM TO DRAW THE PICTURE (USING SEVERAL COLOURS IF S/HE WISHES). S/HE IS NOT ALLOWED TO USE AN ERASER. THE PICTURE MUST BE DRAWN FROM MEMORY, WITH NO VISIBLE MODEL THAT THE CHILD CAN COPY.**

**YOU MUST GIVE THE CHILD THE FOLLOWING INSTRUCTIONS: "You are going to draw a picture of a man on this sheet of paper. Draw me a nice picture and take your time." PLACE THE CHILD CLOSE TO YOU SO THAT YOU CAN SEE WHICH HAND(S) S/HE USES TO DRAW WITH.**

**IF THE CHILD DRAWS SOMETHING OTHER THAN A MAN (A HOUSE...), GENTLY REMIND HIM/HER ONCE TO DRAW A MAN.**

IF DESSIN=4

**DESSINB**

**Did the child draw a picture?**

INT: RECOVER THE DRAWING EVEN IF IT DOESN'T LOOK LIKE A PICTURE OF A MAN

- 1 Yes, immediately
- 2 Yes, but s/he needed some encouragement
- 3 Yes, but s/he needed a lot of encouragement
- 4 No

IF DESSINB=4

**\*DESSINBP**

**Why didn't s/he draw a picture: \_\_\_\_\_**

IF DESSINB=(1, 2, 3)

**Which hand did s/he use?**

**DESSINMAINB**

- 1 Right hand
- 2 Left hand
- 3 Both hands

**INT TO CHILD: "Thank you for playing with me."**

## 5. ENVIRONMENTAL SAMPLES

### *IF FAMILY ELIGIBLE FOR ENVIRONMENTAL SAMPLES*

**INT TO PARENT:** "I'll now explain how we are going to collect the environmental samples. As you were told over the phone, I will wipe some cloth wipes over the floor of the room where your child (children if twins) spends (spend) most of his/her (their) time and I will also take your vacuum cleaner dust bag (or the contents of the dust chamber if it is bagless). This will allow us to measure a range of substances (pesticides, phthalates, for example) that might be present in your child's environment. To do this we need to collect a dust sample from your vacuum cleaner bag."

### **ACCENV**

**INT TO PARENT:** "Is it OK for me to collect some dust samples in your home?"

- 1 Yes
- 2 No
- 3 Refusal at time of CAPI contact
- 4 Samples taken not mentioned in info file

### **ACCLING**

**Consent for cloth wipes**

- 1 Yes
- 2 No

### **ACCASP**

**Consent for vacuum cleaner**

- 1 Yes
- 2 No/no vacuum cleaner

**INT: MAKE A SUMMARY LIST OF ALL THE OPERATIONS TO BE PERFORMED (SEE APPENDIX 8.1)**

*IF ACCLING AND ACCASP=1*

### **ENVFAIT**

**Were the environmental samples taken?**

- 1 Yes
- 2 No

**INT: REMINDER: A "YES" ANSWER INDICATES THAT SAMPLES HAVE BEEN TAKEN BOTH WITH THE CLOTH WIPES AND FROM THE VACUUM CLEANER**

*IF ENVFAIT=1*

### **\*DATPRELJ**

**Day DD**

### **\*DATPRELM**

**Month MM**

### **DATPRELA**

**Year YYYY**

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IF ENVFAIT=1

**TYPLOG3**

**INT: What is the dwelling type?**

- 1 A one-family house
- 2 An apartment, studio or room with independent entrance
- 3 Other dwelling type

IF ENVFAIT=1 AND TYPLOG3=3

**\*TYPLOG3A**

**INT: Specify:** \_\_\_\_\_

**INT: IF NECESSARY, ASK CHILD'S PARENT**

IF ENVFAIT=1

**ETAG3**

**INT: How many floors are there in the building? |\_\_|\_\_| (0 to 98 ; Don't know=99)**

**INT: IF NECESSARY, ASK CHILD'S PARENT**

**INT: COUNT THE MEZZANINE AS A GROUND FLOOR, CODE "0" IF "SINGLE-STOREY"**

IF ENVFAIT=1 AND TYPLOG3=(2, 3)

**QGRAND**

**INT: What floor is the dwelling on? |\_\_|\_\_| (QGRAND 0 to 98; DON'T KNOW=99; QGRAND=<ETAG3 IF QGRAND NE 99)**

**INT: IF NECESSARY, ASK CHILD'S PARENT**

**INT: COUNT THE MEZZANINE AS A GROUND FLOOR, CODE "0" IF "SINGLE-STOREY"**

**INT TO PARENT: "Alongside the samples I have just taken, I would like you to give me some other information."**

IF ENVFAIT=1

**INT: At present, how often:**

**FREQAER1F**

**Is the kitchen ventilated?**

- 1 Per day
- 2 Per week
- 3 Per month
- 4 Ventilated continuously or by mechanical extract ventilation
- 5 No window or fan

IF FREQAER1F=(1, 2, 3)

**FREQAER1**

**I\_\_|\_\_| times (DON'T KNOW=99)**



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**FREQAER2F**

**Is the living room ventilated?**

- 1 Per day
- 2 Per week
- 3 Per month
- 4 Ventilated continuously or by mechanical extract ventilation
- 5 No window or fan

IF FREQAER2F=(1, 2, 3)

**FREQAER2**

I\_\_I\_\_I times (DON'T KNOW=99)

**FREQAER3F**

**Is the bathroom ventilated?**

- 1 Per day
- 2 Per week
- 3 Per month
- 4 Ventilated continuously or by mechanical extract ventilation
- 5 No window or fan

IF FREQAER3F=(1, 2, 3)

**FREQAER3**

I\_\_I\_\_I times (DON'T KNOW=99)

**FREQAER4F**

**Are the bedrooms ventilated?**

- 1 Per day
- 2 Per week
- 3 Per month
- 4 Ventilated continuously or by mechanical extract ventilation
- 5 No window or fan

IF FREQAER4F=(1, 2, 3)

**FREQAER4**

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: VENTILATED BY OPENING WINDOWS OR FRENCH WINDOWS, FOR EXAMPLE.**

IF ENVFAIT=1

**INT: In general, how is the floor cleaned in your home? Is it cleaned with:**

**FREQTYP1**

**A broom**

- 1 Yes
- 2 No

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**FREQTYP2**

**A mop/floorcloth**

- 1 Yes
- 2 No

**FREQTYP3**

**A vacuum cleaner**

- 1 Yes
- 2 No

**FREQTYP4**

**Other**

- 1 Yes
- 2 No

**INT: SEVERAL ANSWERS POSSIBLE**

IF FREQTYP4=1

**\*FREQTYPP**

**Specify:** \_\_\_\_\_

IF FREQTYP1=, AND FREQTYP2=, AND FREQTYP3=, AND FREQTYP4=,

**FREQTYP9** (not available because empty)

**[Don't know]**

- 1 Yes

IF ENVFAIT=1 AND FREQTYP9 NE 1

**INT: In general, how often:**

IF FREQTYP1=1

**FREQMENTYP1**

**Is the floor cleaned with the broom?**

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THE HOME"**

IF FREQTYP1=1

**FREQMENTYP1**

- 1 Per day
- 2 Per week
- 3 Per month

IF FREQTYP2=1

**FREQMENTYP2**

**Is the floor cleaned with the mop/floorcloth?**

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THE HOME"**

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IF FREQTYP2=1

**FREQMENFTYP2**

- 1 Per day
- 2 Per week
- 3 Per month

IF FREQTYP3=1

**FREQUENTYP3**

Is the floor cleaned with the vacuum cleaner?

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THE HOME"**

IF FREQTYP3=1

**FREQMENFTYP3**

- 1 Per day
- 2 Per week
- 3 Per month

IF FREQTYP4=1

**FREQUENTYP4**

Is the floor cleaned with [insert reminder other]?

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THE HOME"**

IF FREQTYP4=1

**FREQMENFTYP4**

- 1 Per day
- 2 Per week
- 3 Per month

IF ENVFAIT=1

**Sample collection with cloth  
wipes**

**LINGPIEC**

**INT: In what room were the samples collected with the cloth wipes?**

- 1 Child's bedroom
- 2 Living room
- 3 Playroom
- 4 Kitchen
- 5 Other room

IF ENVFAIT=1 AND LINGPIEC=5

**\*LINGPIECP**

**Specify:** \_\_\_\_\_

24/09/2021

IF ENVFAIT=1

**INT: On what types of flooring were the samples taken?**

**LINGREV1**

**Tiles**

- 1 Yes
- 2 No

**LINGREV2**

**Carpet**

- 1 Yes
- 2 No

**LINGREV3**

**Wood**

- 1 Yes
- 2 No

**LINGREV4**

**Plastic (linoleum)**

- 1 Yes
- 2 No

**LINGREV5**

**Rug**

- 1 Yes
- 2 No

**LINGREV6**

**Concrete**

- 1 Yes
- 2 No

**LINGREV7**

**Other flooring**

- 1 Yes
- 2 No

**INT: SEVERAL ANSWERS POSSIBLE**

IF LINGREV7=1

**\*LINGREVP**

**Specify:** \_\_\_\_\_

24/09/2021

IF LINGREV1=. AND LINGREV2=. AND LINGREV3=. AND LINGREV4=. AND LINGREV5=. AND LINGREV6=. AND LINGREV7=.

**LINGREV9** (not available because empty)

[Don't know]

1 Yes

IF ENVFAIT=1

**INT: Generally, how is the floor cleaned in the room where the sample was taken? Is it cleaned with:**

**FREQTYPIEC1**

**A broom**

1 Yes

2 No

**FREQTYPIEC2**

**A mop/floorcloth**

1 Yes

2 No

**FREQTYPIEC3**

**A vacuum cleaner**

1 Yes

2 No

**FREQTYPIEC4**

**Other**

1 Yes

2 No

**INT: SEVERAL ANSWERS POSSIBLE**

IF FREQTYPIEC4=1

**\*FREQTYPIECP**

**Specify:** \_\_\_\_\_

IF FREQTYPIEC1=. AND FREQTYPIEC2=. AND FREQTYPIEC3=. AND FREQTYPIEC4=.

**FREQTYPIEC9** (not available because empty)

[Don't know]

1 Yes

24/09/2021

IF ENVFAIT=1 AND FREQTYPIEC9 NE 1

**In general, how often:**

IF FREQTYPIEC1=1

**FREQMENPIEC1**

**Is the floor cleaned with the broom?**

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THIS ROOM"**

IF FREQTYPIEC1=1

**FREQMENFPIEC1**

- 1 Per day
- 2 Per week
- 3 Per month

IF FREQTYPIEC2=1

**FREQMENPIEC2**

**Is the floor cleaned with the mop/floorcloth?**

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THIS ROOM"**

IF FREQTYPIEC2=1

**FREQMENFPIEC2**

- 1 Per day
- 2 Per week
- 3 Per month

IF FREQTYPIEC3=1

**FREQMENPIEC3**

**Is the floor cleaned with the vacuum cleaner?**

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THIS ROOM"**

IF FREQTYPIEC3=1

**FREQMENFPIEC3**

- 1 Per day
- 2 Per week
- 3 Per month

IF FREQTYPIEC4=1

**FREQMENPIEC4**

**Is the floor cleaned with [insert reminder other]?**

I\_\_I\_\_I times (DON'T KNOW=99)

**INT: REMINDER "IN THIS ROOM"**

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IF FREQTYPIEC4=1

**FREQMENFPIEC4**

- 1 Per day
- 2 Per week
- 3 Per month

IF ENVFAIT=1

**DATEMENPIEC**

**INT: How many days ago was the floor last cleaned in the room where the sample was taken?**

(DATEMENPIEC=< 300; DON'T KNOW=999)

**INT: IF THAT VERY DAY, CODE 0**

IF ENVFAIT=1

**Vacuum cleaner bag**

**TYPASP**

**INT: What is the vacuum cleaner type?**

- 1 Vacuum cleaner with bag
- 2 Bagless vacuum cleaner
- 3 Other, specify

IF TYPASP=3

**\*TYPASPP**

**INT: Specify: \_\_\_\_\_**

**INT: IF NECESSARY, ASK CHILD'S PARENT**

**ASPCHANG**

**INT: How long ago was the vacuum cleaner bag (IF TYPASP=1 OR 3)/the dust chamber (IF TYPASP=2) last changed (IF TYPASP=1 OR 3)/emptied (IF TYPASP=2)?**

**I\_\_I\_\_I Day/Week/Month (DON'T KNOW=99)**

IF ASPCHANG NE 99

**ASPCHANGF**

- 1 Day(s)
- 2 Week(s)
- 3 Month(s)

IF ENVFAIT=1

**Which rooms in the dwelling are generally vacuumed using this vacuum cleaner?**

**ASPIEC1**

**Kitchen**

- 1 Yes
- 2 No

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**ASPIEC2**

**Living room**

- 1 Yes
- 2 No

**ASPIEC3**

**Dining room**

- 1 Yes
- 2 No

**ASPIEC4**

**Bedroom(s)**

- 1 Yes
- 2 No

**ASPIEC5**

**Bathroom/toilet**

- 1 Yes
- 2 No

**ASPIEC6**

**Study**

- 1 Yes
- 2 No

**ASPIEC7**

**Playroom**

- 1 Yes
- 2 No

**ASPIEC8**

**Other room**

- 1 Yes
- 2 No

**INT: SEVERAL ANSWERS POSSIBLE**

*IF ASPIEC8=1*

**\*ASPIEC8P**

**Specify:** \_\_\_\_\_

*IF ASPIEC1=, AND ASPIEC2=, AND ASPIEC3=, AND ASPIEC4=, AND ASPIEC5=, AND ASPIEC6=, AND ASPIEC7=, AND ASPIEC8=.*

**ASPIEC9**

**DON'T KNOW**

- 1 Yes



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IF ENVFAIT=1

In addition to the rooms just mentioned, since the bag was last changed (or the dust chamber was last emptied) has the vacuum cleaner been used to clean:

**ASPAUT1**

**The garage**

- 1 Yes
- 2 No

**ASPAUT2**

**The basement or cellar**

- 1 Yes
- 2 No

**ASPAUT3**

**The balcony/terrace**

- 1 Yes
- 2 No

**ASPAUT4**

**The fireplace/stove**

- 1 Yes
- 2 No

**ASPAUT5**

**The barbecue**

- 1 Yes
- 2 No

**ASPAUT6**

**The car**

- 1 Yes
- 2 No

**ASPAUT7**

**DIY residues (sawdust, plaster, debris)**

- 1 Yes
- 2 No

**ASPAUT8**

**Other**

- 1 Yes
- 2 No

**INT: SEVERAL ANSWERS POSSIBLE**

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IF ASPAUT8=1

**\*ASPAUT8P**

**Specify:** \_\_\_\_\_

IF ASPAUT1=. AND ASPAUT2=. AND ASPAUT3=. AND ASPAUT4=. AND ASPAUT5=. AND ASPAUT6=. AND ASPAUT7=. AND ASPAUT8=.

**ASPAUT9**

**No other room**

1 Yes

IF ASPAUT1=. AND ASPAUT2=. AND ASPAUT3=. AND ASPAUT4=. AND ASPAUT5=. AND ASPAUT6=. AND ASPAUT7=. AND ASPAUT8=. AND ASPAUT9=.

**ASPAUT10**

**DON'T KNOW**

1 Yes

## 6. END OF INTERVIEW

### INTERLOC

**Who was your main interlocutor?**

- 1 Mother/female partner
- 2 Father/male partner
- 3 Grandparent
- 4 Other family member
- 5 Other person, not family member

**INT: GIVE ONE ANSWER ONLY**

*IF INTERLOC=(4, 5)*

**\*INTERLOCP**

**Specify:** \_\_\_\_\_

**INT: Were other people present in the room, whether or not they interacted with the child or parent during the test?**

### AUTRESPERS1

**No other person**

- 1 Yes

*IF AUTRESPERS1=.*

### AUTRESPERS2

**Other persons present: mother/female partner**

- 1 Yes
- 2 No

### AUTRESPERS3

**Other persons present: father/male partner**

- 1 Yes
- 2 No

### AUTRESPERS4

**Other persons present: grandparent**

- 1 Yes
- 2 No

### AUTRESPERS5

**Other persons present: half-sister/half-brother**

- 1 Yes
- 2 No

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**AUTRESPERS6**

**Other persons present: other family member(s)**

- 1 Yes
- 2 No

**AUTRESPERS7**

**Other persons present: non-family member**

- 1 Yes
- 2 No

**INT: SEVERAL ANSWERS POSSIBLE**

*IF AUTRESPERS6=1 OR AUTRESPERS7=1*

**\*AUTRESPERSP**

**Specify:** \_\_\_\_\_

*IF NAISGEM=1*

**ENTJUM**

**Could you interview both children?**

- 1 Yes
- 2 No

*IF ENTJUM=2*

**ENTJUMP**

**Reason(s) why not:**

\_\_\_\_\_

**INT TO PARENT AND CHILD: "We have come to the end of the questionnaire. We are very grateful to you and your child for giving up your time to take part in this survey."**

## 7. OVERALL IMPRESSIONS ABOUT VISIT (TO BE COMPLETED BY INTERVIEWER)

### APPRE

Did you get the impression that the interviewed parent was reluctant to answer certain questions or to take certain samples?

- 1 Yes
- 2 No

*IF APPRE=1*

### \*APPREP

Specify: \_\_\_\_\_

### \*RQTEL

Do you have any comments to make about your visit? Comments about visit:

\_\_\_\_\_

### DUREES5

Duration of child's BAS test

|\_|\_|\_| min

### DUREES8

Duration of child's 1st vision test

|\_|\_|\_| min

### DUREES9

Duration of child's 2nd vision test

|\_|\_|\_| min

### DUREES10

Duration of child's praxis test

|\_|\_|\_| min

### DUREES11

Duration of child's staring test

|\_|\_|\_| min

### DUREES12

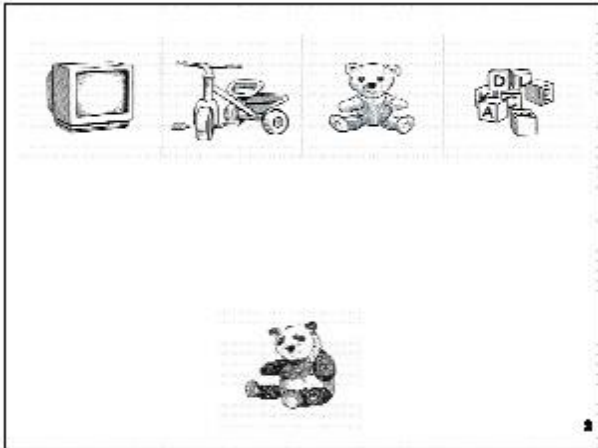
Duration of child's superimposed images test

|\_|\_|\_| min

## 8. APPENDICES

### 8.1. Description BAS

The “Picture Similarities” test comprises a set of 4 images on a page. The child is given a card with a 5th image on it and must say which of the 4 pictures on the page shares an element or concept with the one on the card. Here is an example of a set of images: the card (at the bottom) matches with the third image as both are pictures of soft toys.



There are 33 sets of images in the game (the first five sets are for practicing the game). The game ends when the child has made 6 mistakes in 8 consecutive sets of images. The information to be entered based on the child’s answers and the rules for ending the test have been implemented in the interviewers’ CAPI questionnaire.



### **8.3. Instructions to interviewers for taking vacuum cleaner sample**

#### Vacuum cleaners with bag:

Ask the parent to bring you the vacuum cleaner  
Prepare a zipped bag  
Put on gloves and a protective mask in necessary  
Ask the parent to open the vacuum cleaner so that you can take out the bag  
Remove the bag carefully without allowing the dust to escape  
Carefully place the vacuum cleaner bag in the zipped bag  
Close the zipped bag  
Mark it with the identifier given on the consent form (NIPRé adhesive label OR handwritten NIE)  
Place the bag in the shipment box (TO BE SHIPPED WITHOUT DELAY)

#### Bagless vacuum cleaners:

Ask the parent to bring you the vacuum cleaner  
Prepare a zipped bag  
Put on gloves and a protective mask in necessary  
Ask the parent to open the vacuum cleaner so that you can take out the dust chamber  
Remove the dust chamber carefully without letting the dust escape  
Place the entire the dust chamber inside the open zipped bag  
Empty out the contents as carefully as possible  
Wait for around two minutes to allow the dust to settle  
Gently remove the dust chamber and close the zipped bag  
Mark it with the identifier given on the consent form (NIPRé adhesive label OR handwritten NIE)  
Place the bag in the shipment box (TO BE SHIPPED WITHOUT DELAY)



## 8.4. Vision tests



### Test booklet

**Vision and visual  
attention tests  
conducted in the  
home at age 3.5  
years**

---

## Near vision acuity

### REMINDER OF MAIN STAGES:

- **Place the booklet around 30 cm from the child's eyes**, perpendicular to his/her line of sight. This distance corresponds roughly to the height of the test booklet page.
- **Do not hesitate to ask for more light in the room if necessary**
- **Use the practice pages (pages 4 and 5) to try out the test with the child** (point to the large identical image or name it)
- **Start with the test with glasses** if the child usually wears them

**ATTENTION: work through the successive pages showing only the MIDDLE image**

- **If the child reaches the last level, validate with at least one side image.**
- **In the event of failure, return to PREVIOUS page(s)** until a last level is validated with at least one side image.

**LAST level validated: MIDDLE IMAGE + AT LEAST ONE SIDE IMAGE**

- **If the child moves closer to the booklet, tell him/her that:** *"In this game you mustn't move even if the pictures get smaller and smaller."*
- However, the near vision test conducted at 20 cm, for example, does not invalidate the test. The distance will be recorded in a closed question
- **Make sure that no third party helps him/her to answer**

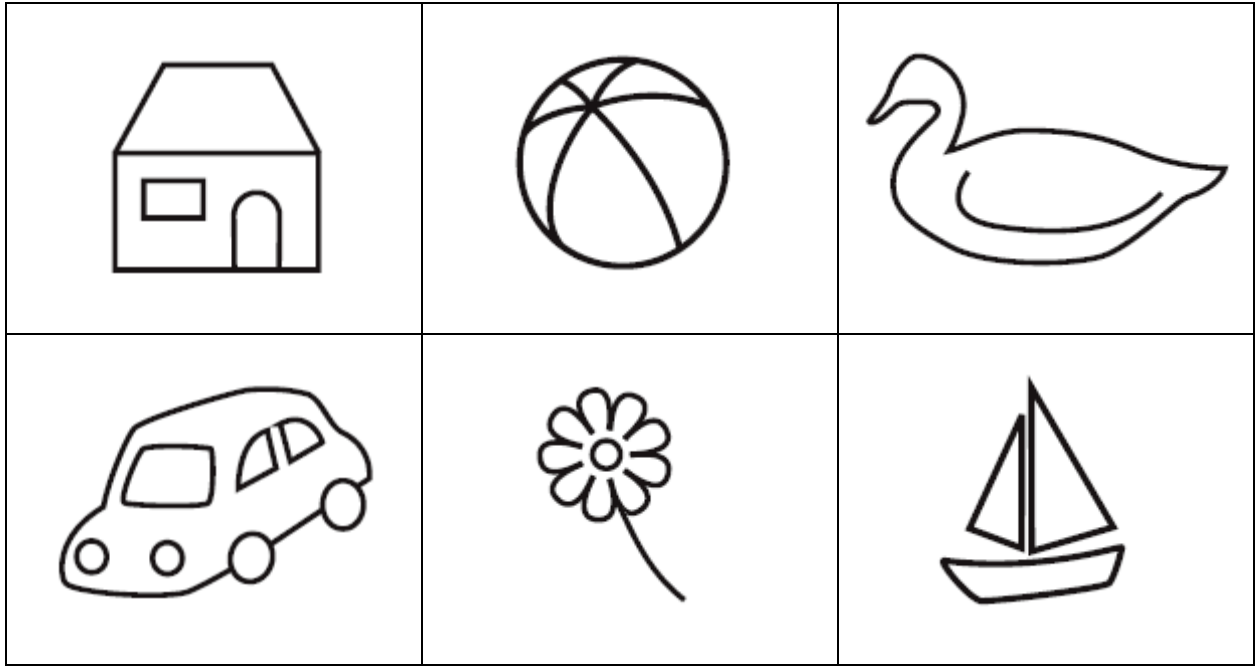
\*

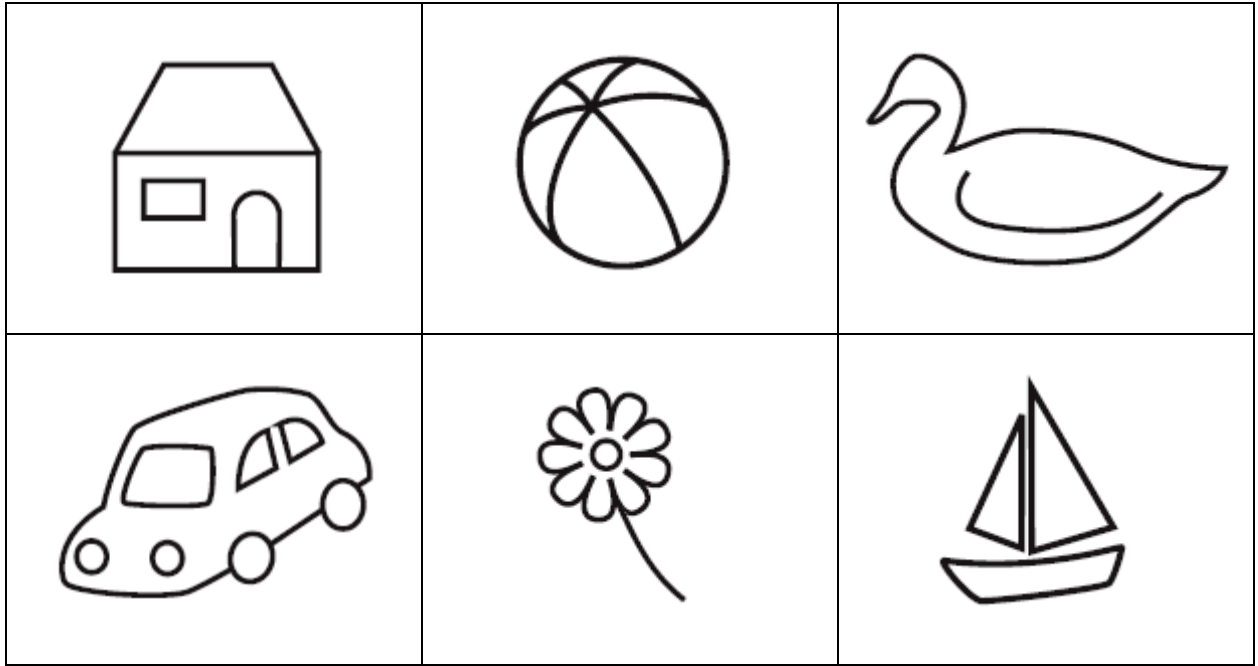
This test uses the reading optotypes developed by ATOL. Authorization dated  
24 February 2014

## Practice

Name the middle image or point to the matching image

Ignore the side images





# **Binocular vision in habitual conditions without glasses or with glasses for children who wear glasses**

- The child is asked to recognize the bottom middle image on each successive page, either by naming it or by pointing to the matching image above.
- For the last level, the child must name or point to at least one side image.
- In the event of failure, whatever the level, return to the previous page and ask the child to name or point to at least one of the two side images.
- The level is validated if the middle image plus at least one side image are named or pointed to.
- If no side image is named or pointed to, return to the next previous page, etc.
- The last validated level is recorded (A4 for example).

**VISIONHAB:** Near vision in habitual conditions

1 A20

2 A12

3 A10

4 A8

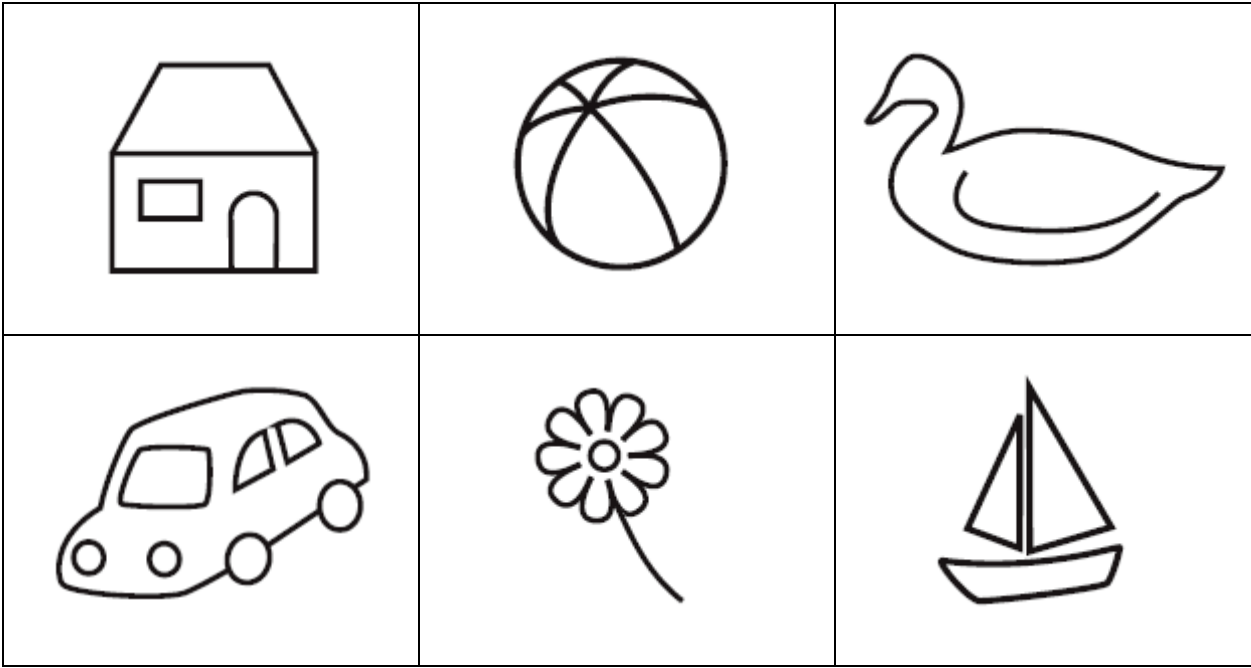
5 A6

6 A5

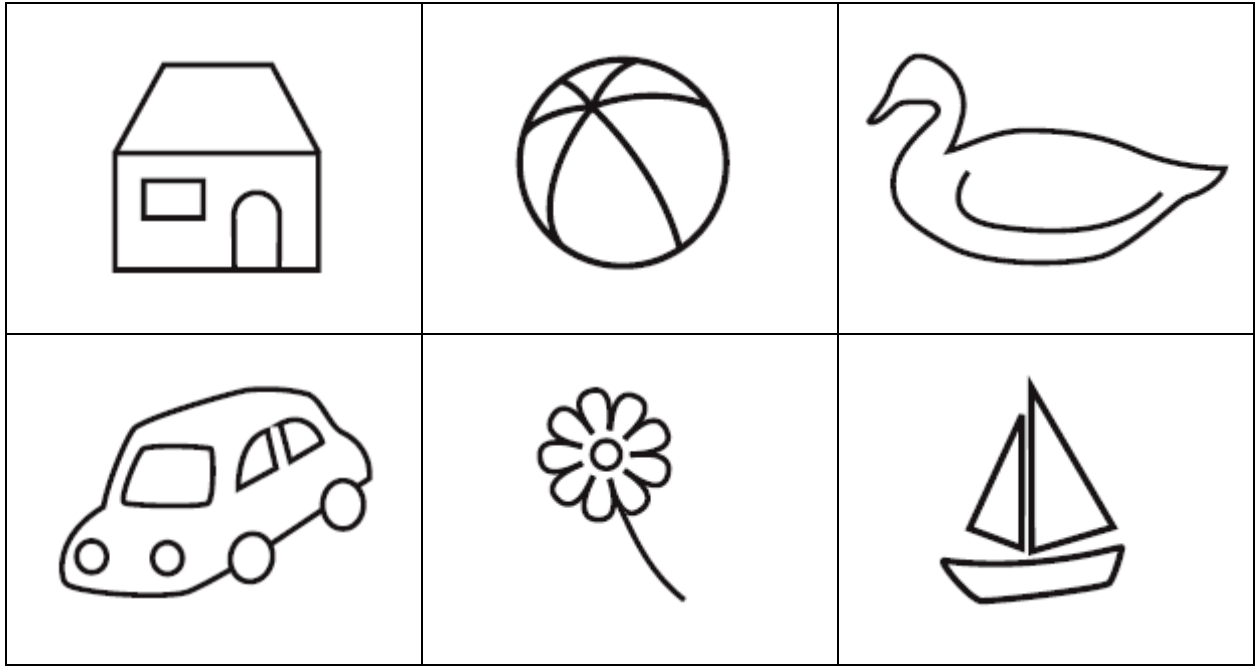
7 A4

8 A3

88 Refusal, didn't want to play the game

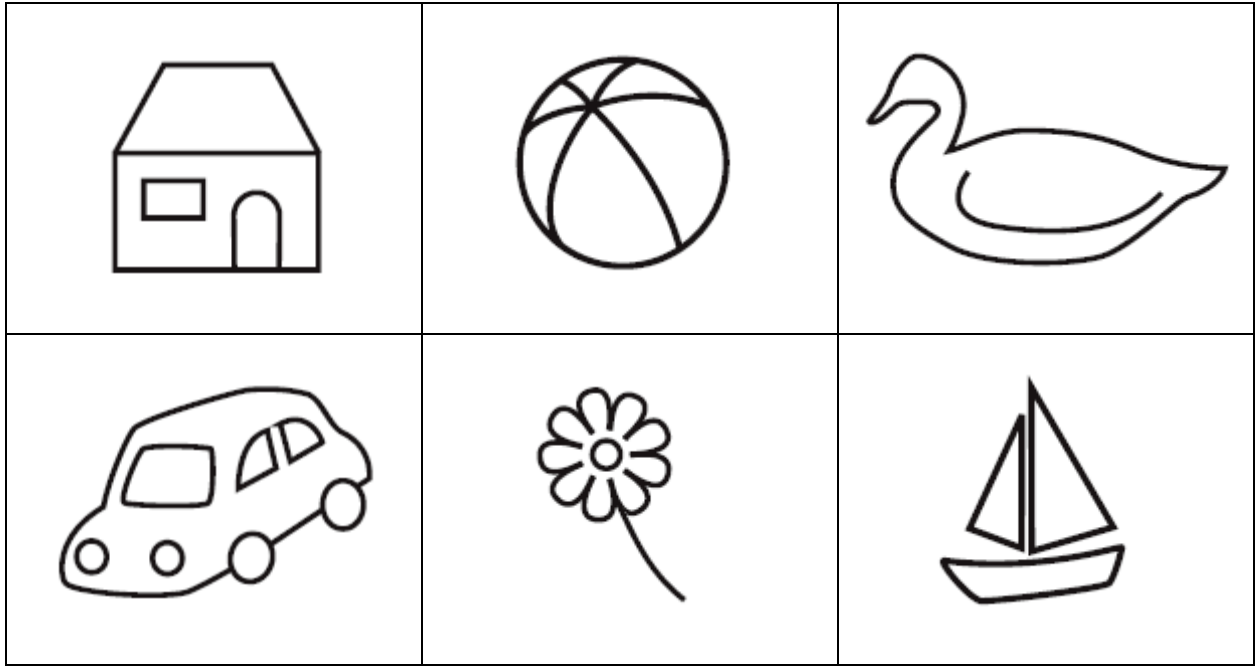


A20

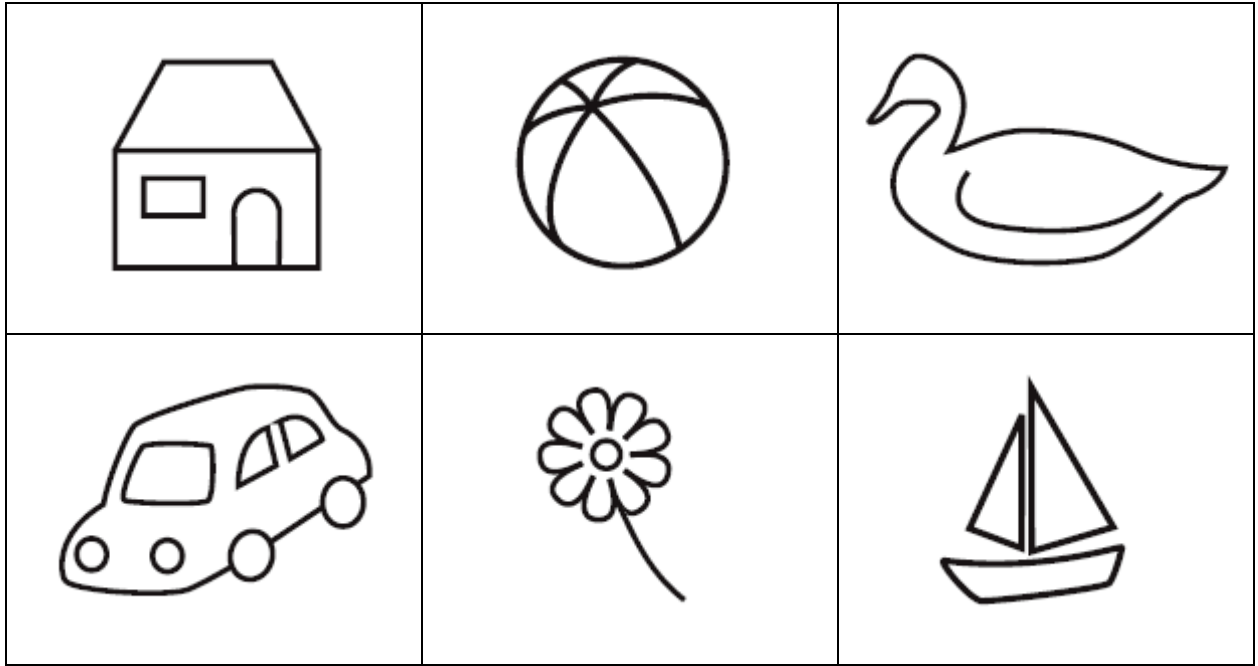


A12

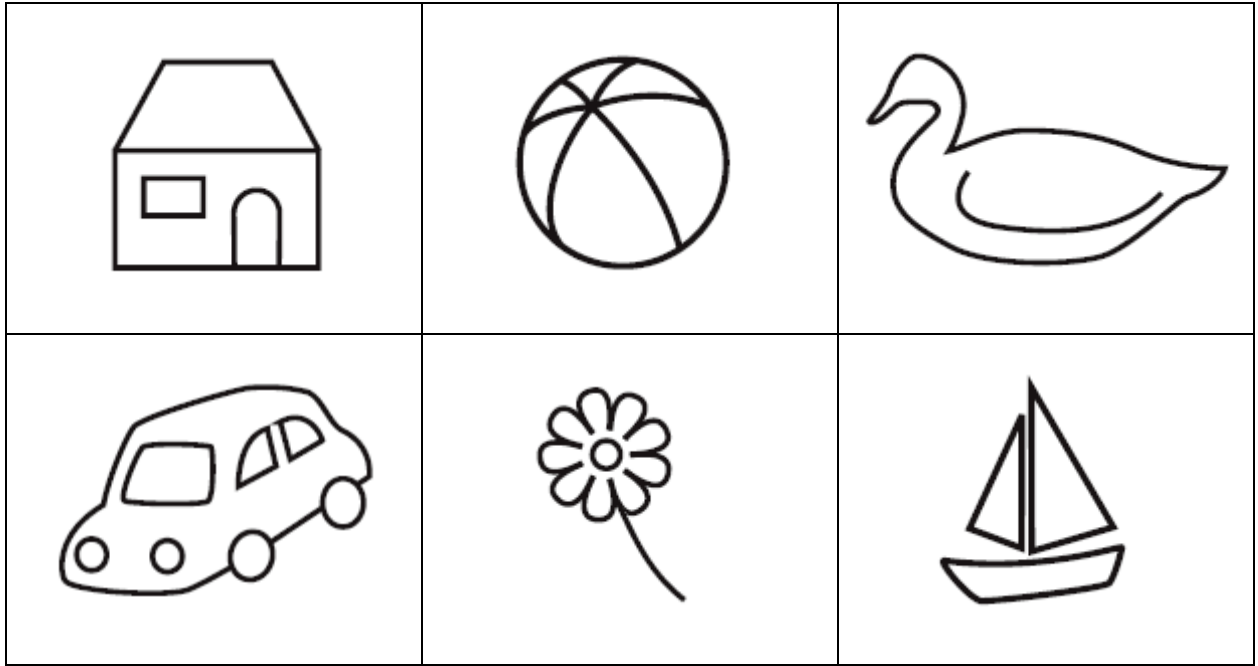




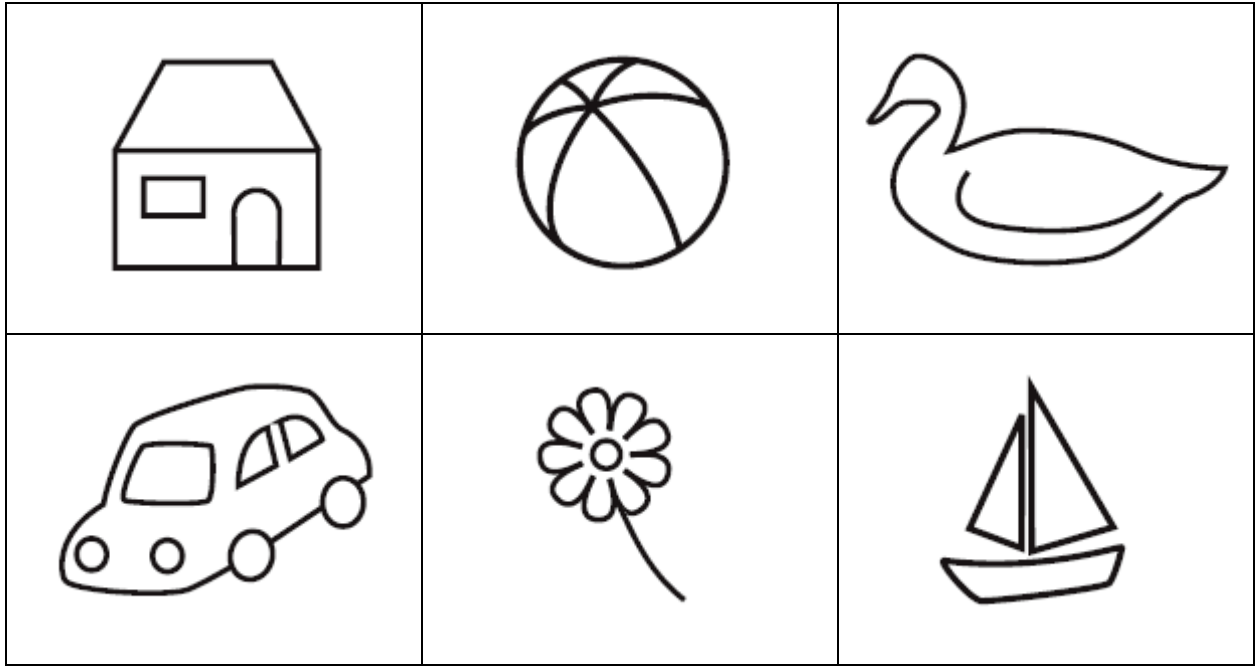
A10



A8

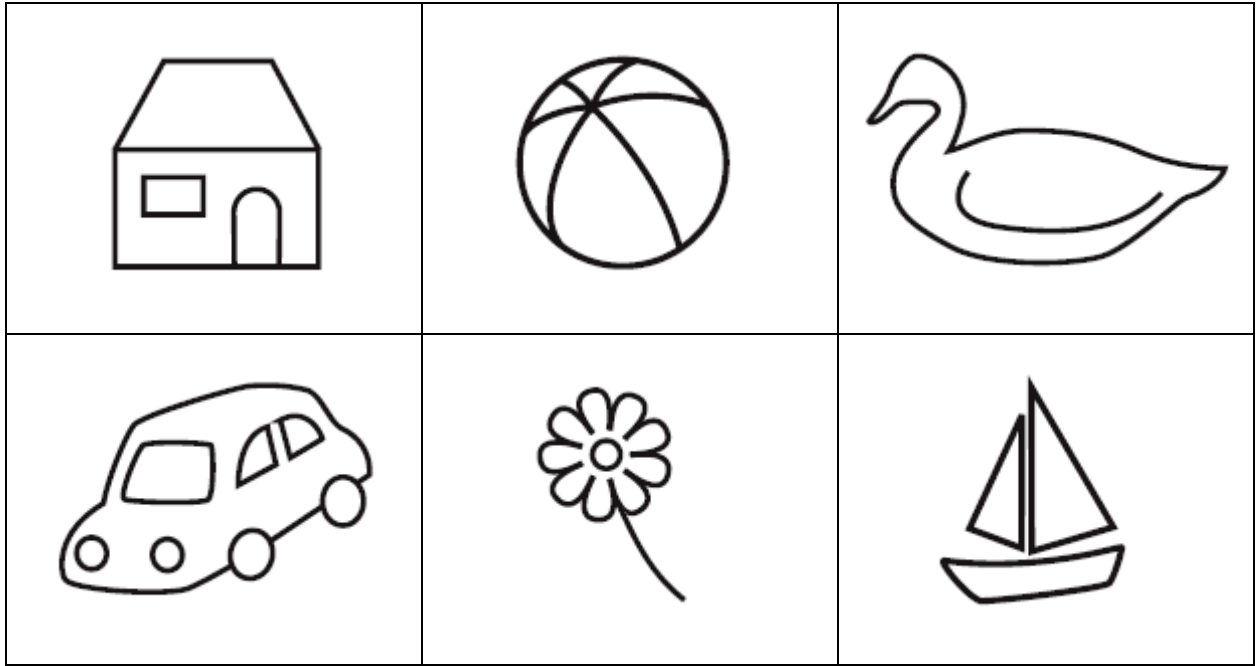


A6

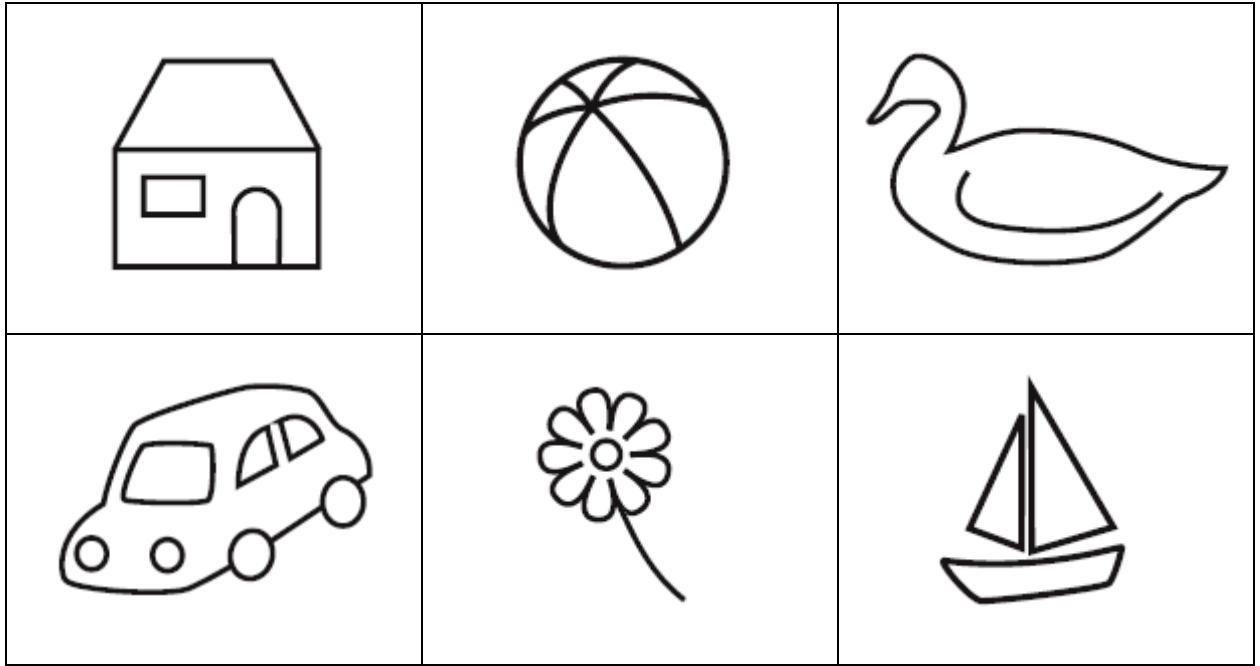


A5





A4



A3

## **Binocular vision without glasses only for children who wear glasses**

- The child is asked to recognize the bottom middle image on each successive page, either by naming it or by pointing to the matching image above.
- For the last level, the child must name or point to at least one side image.
- In the event of failure, whatever the level, return to the previous page and ask the child to name or point to at least one of the two side images.
- The level is validated if the middle image plus at least one side image are named or pointed to.
- If no side image is named or pointed to, return to the next previous page, etc.
- The last validated level is recorded (A4 for example).

**VISIONSSLUN:** Near vision without glasses

1 A20

2 A12

3 A10

4 A8

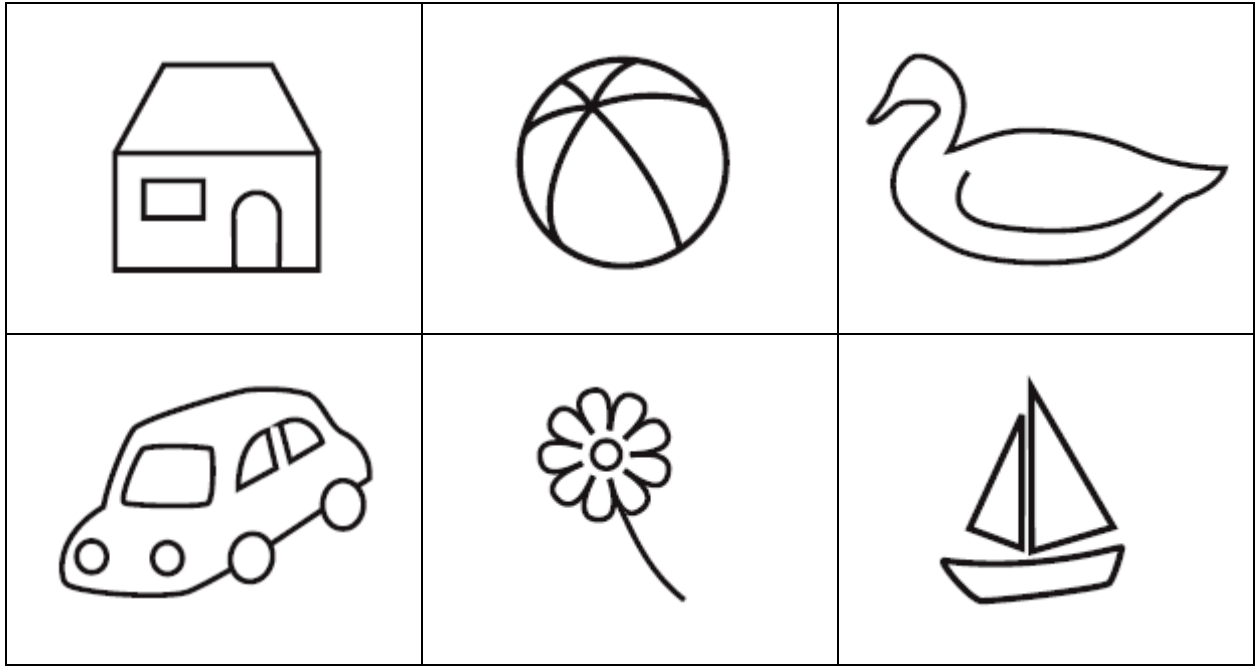
5 A6

6 A5

7 A4

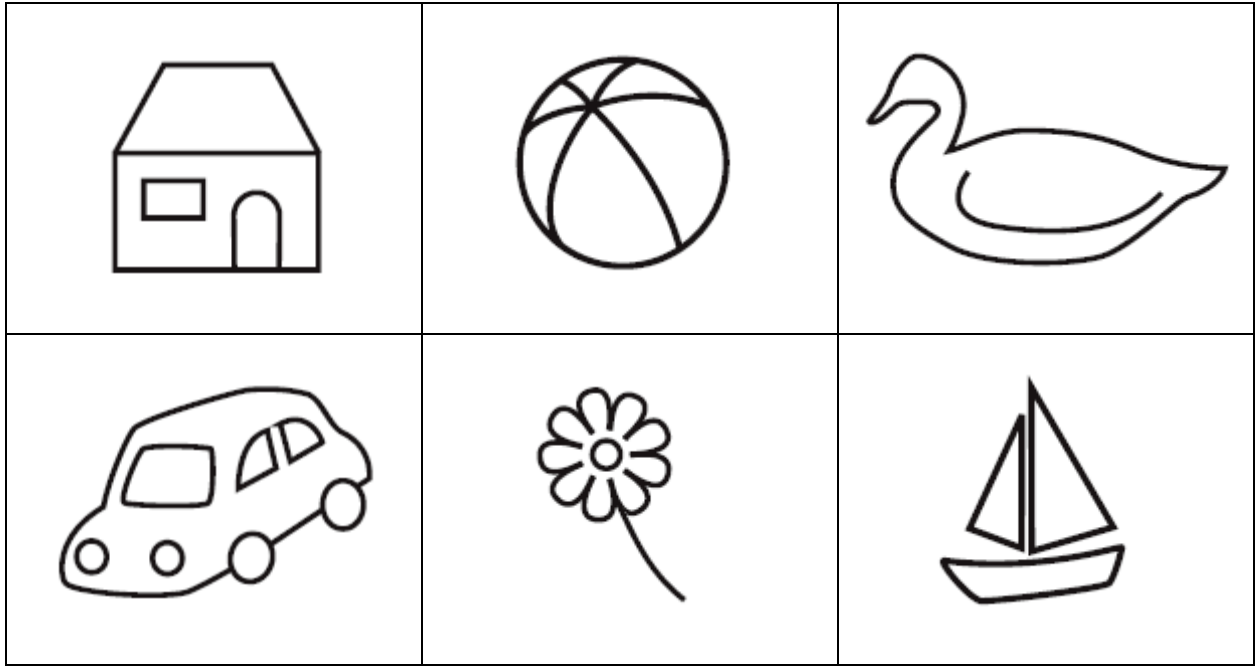
8 A3

88 Refusal, didn't want to play the game

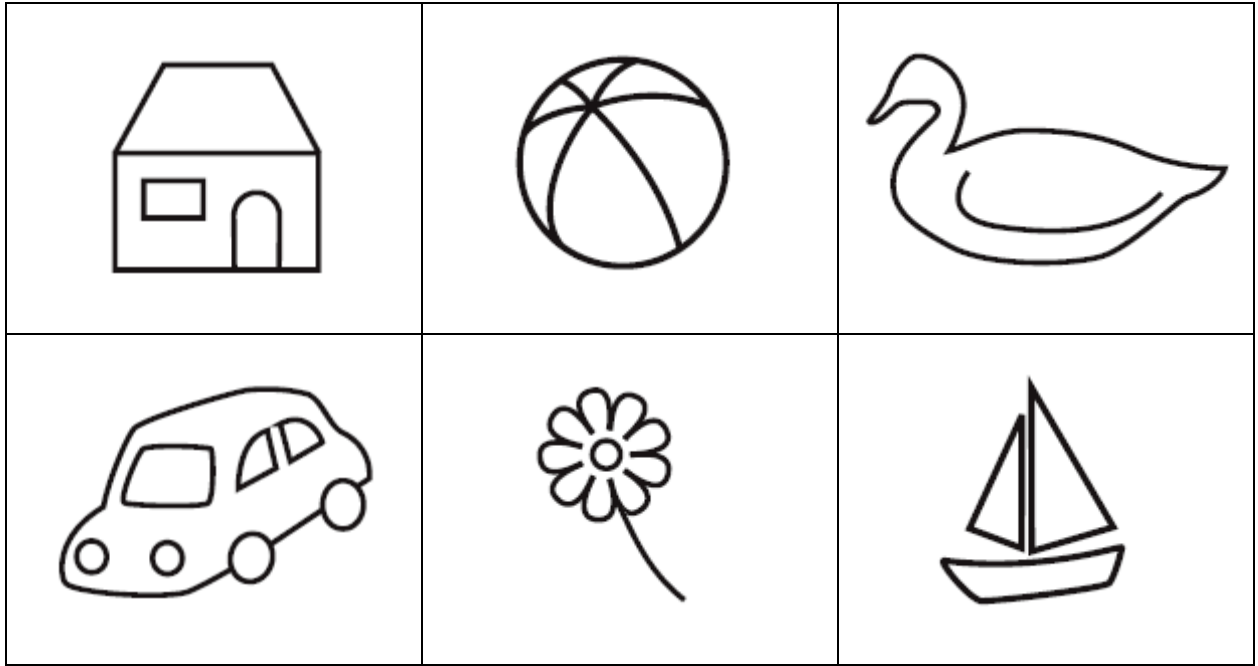


A20

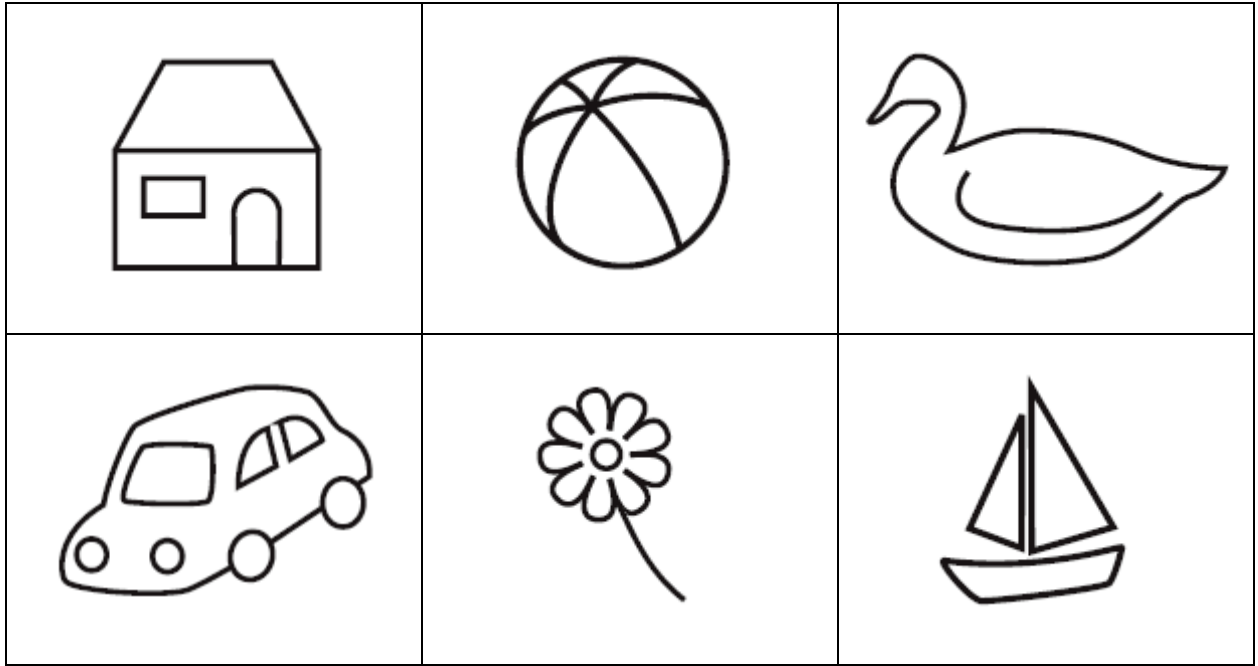




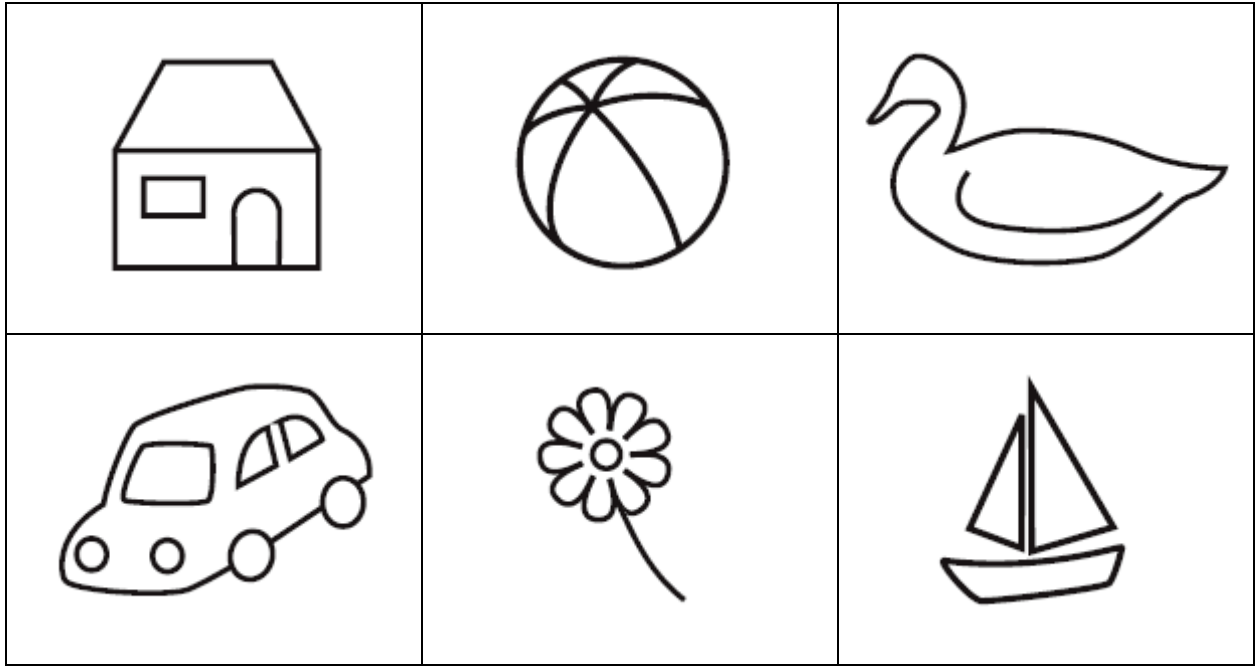
A12



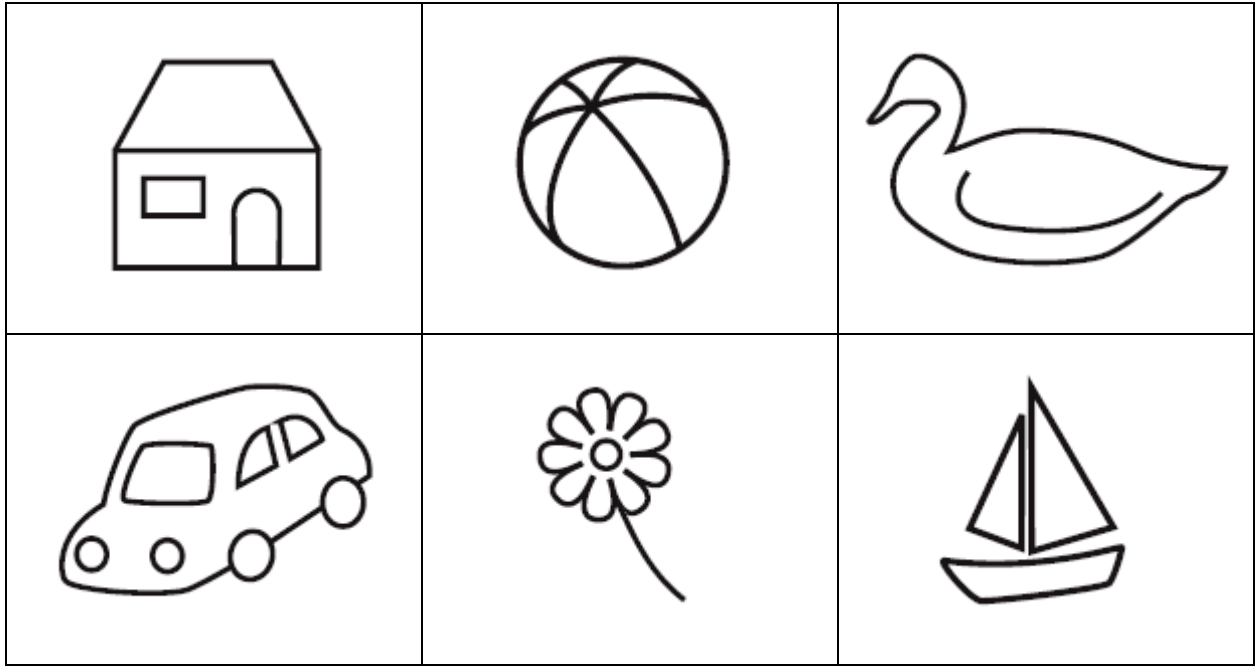
A10



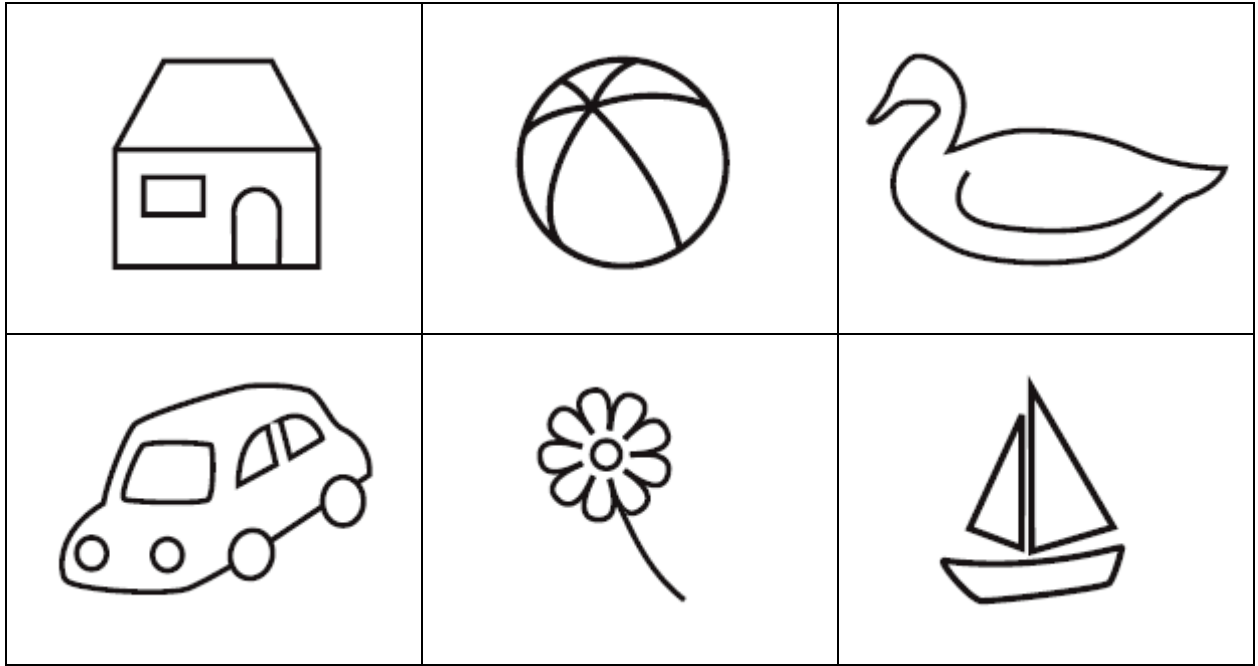
A8



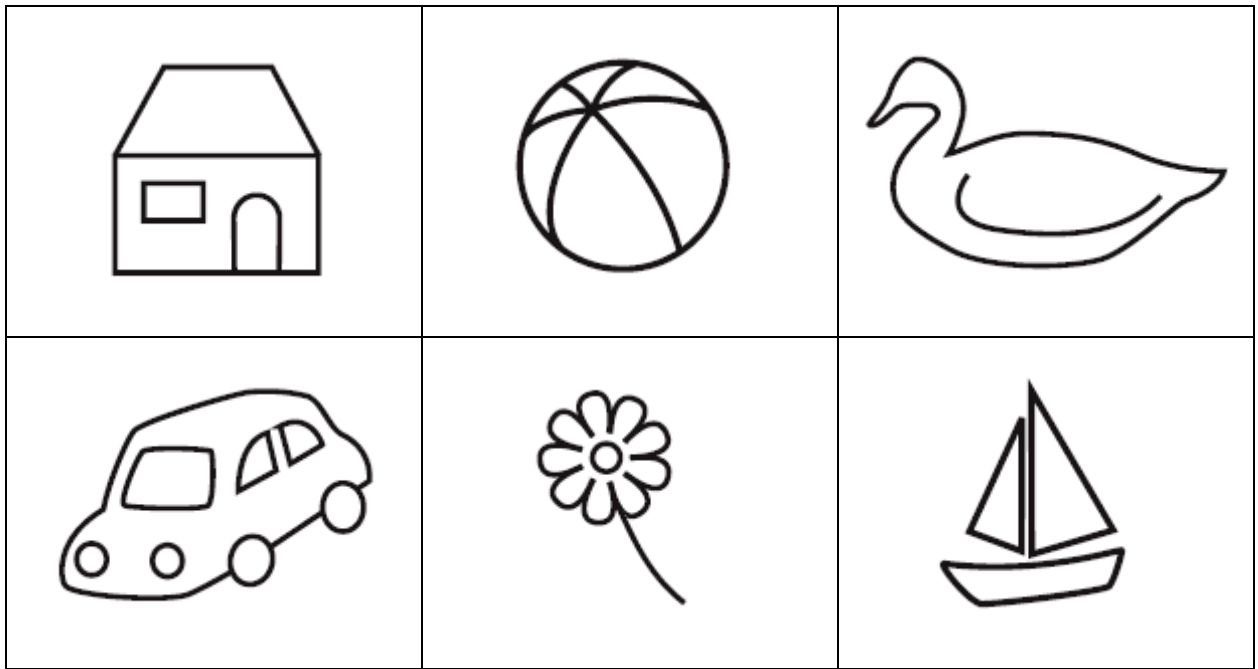
A6



A5



A4



A3

## Praxis



“Try and do the same thing as me with your hands”.

### The child succeeds in the test if:

- The tip of the of the left-hand thumb touches the tip of the 5th finger of the other hand, or vice-versa
- Both hands are practically in the same plane
- The palms are facing in opposite directions

### Do not:

- Break down the movement to show how the child’s hands should be placed

### You can:

- Let the child try several times

### **PRAXIS**

- 1 Success
- 2 Failure
- 8 Didn’t try, refusal
- 9 Not done



## **Fixing on an object**

“Now let’s play another little game. Look at my crayon for 10 seconds without moving your eyes or your head. You must keep looking at it all the time. Are you ready?”

- The interviewer holds the crayon in front of him/herself. The crayon must be around 60 cm from the child.

### **FIXING ON AN OBJECT**

Was the child able to stare at the object without moving his/her head or eyes?

- 1 Yes
- 2 No
- 8 Didn’t try, refusal
- 9 Not done

# Superimposed images

“What can you see in this picture”?

## **BUCKET**

- 1 Named the bucket
- 2 Didn't name the bucket (refused, said words that had nothing to do with a bucket...)

## **BROOM**

- 1 Named the broom
- 2 Didn't name the broom (refused, said words that had nothing to do with a broom...)

## **CRAYON**

- 1 Named the crayon
- 2 Didn't name the crayon (refused, said words that had nothing to do with a crayon...)

