Summer Test 2

Questions, Answers and Topic Information

Read the following instructions or press 'play' ▶ and listen to the instructions being read from the CD-ROM.

Listen carefully to the instructions I am going to give you. When I have finished reading them, I will answer any questions. You will not be able to ask any questions once the test has begun.

I am going to ask you 20 questions. On your sheet there is an answer box for each question, where you should write the answer to the question and nothing else. You should work out the answer to each question in your head, but you may jot things down outside the answer box if this helps you. Do not try to write down your working because this will waste time and you may miss the next question. For some of the questions, important information is already written down for you on the answer sheet.

I will read each question twice. Listen carefully both times. You will then have time to work out your answer. If you cannot work out an answer, put a cross in the answer box. If you make a mistake, cross out the wrong answer and write the correct one next to it. There are some easy and some harder questions, so do not be put off if you cannot answer a question.

Now pause, or press 'pause' ■ on your CD player or computer. Ask the children if they have any questions. Once you have answered all the questions, read out the following instructions. Alternatively, play the audio recording from the CD-ROM.

Now we are ready to start the test.

For this group of questions you will have 5 seconds to work out each answer and write it down.

1. What is four squared?
   Answer: 16
   Topic: MD

2. What must be added to four hundred and twenty-four to make five hundred?
   Answer: 76
   Topic: AS

3. Divide sixty-four point four by one hundred.
   Answer: 0.644
   Topic: MD

4. Round three point two six to one decimal place.
   Answer: 3.3
   Topic: Dc

5. Write the number ninety thousand and forty in digits.
   Answer: 90 040
   Topic: NPY

For this group of questions you will have 10 seconds to work out each answer and write it down.

6. Add eleven to the sum of twenty and thirty-nine.
   Answer: 70
   Topic: AS

7. Look at your answer sheet. Change the mixed number to an improper fraction.
   Answer: \( \frac{71}{2} \) or \( \frac{35}{2} \)
   Topic: F

8. If it is a leap year, how many days have January and February altogether?
   Answer: 60
   Topic: AS/M

9. Look at your answer sheet. Draw an arrow to show the position of three point six three on the number line.
   Answer: \( \overrightarrow{3.63} \)
   Topic: Dc

10. Double eight point eight.
    Answer: 17.6
    Topic: Dc/MD

11. What is half of a centimetre in millimetres?
    Answer: 5 mm
    Topic: F/M

12. Ten boxes each weigh fourteen kilograms. What is the total mass of the boxes?
    Answer: 140 kg
    Topic: MD/M

13. Add three point eight to four point eight.
    Answer: 8.6
    Topic: Dc/AS

14. Using a.m. or p.m., write eighteen oh five as it would appear on an twelve-hour digital clock.
    Answer: 6:05 p.m.
    Topic: M

15. Round thirty-one point one seven to the nearest ten.
    Answer: 30
    Topic: Dc/NPY

For this group of questions you will have 15 seconds to work out each answer and write it down.

16. What is six thousand nine hundred and ninety-six more than five thousand and four?
    Answer: 12 009
    Topic: AS

17. Simone collects six hundred grams of peas on Monday, nine hundred grams on Tuesday and five hundred grams on Wednesday. How many kilograms of peas does she collect to the nearest kilogram?
    Answer: 2
    Topic: MU/AS

18. Look at your answer sheet. Tick the irregular polygons.
    Answer: \( \square, \triangle, \bigcirc \)
    Topic: PS

19. A bird takes off at eleven fifty-nine and lands at twelve oh three. How many seconds has it been flying?
    Answer: 240
    Topic: M

20. Harry chose a number. He added ten and then doubled the result. His answer was forty-two. What was the number he started with?
    Answer: 11
    Topic: AS/MD

Now put down your pen or pencil. The test is finished.

NPV = Number, place value
AS = Addition and subtraction
MD = Multiplication and division
F/Dc/Pt = Fractions, decimals and percentages
M = Measurement
PS = Properties of shapes
PD = Position, direction

Number, place value 5 15
Addition and subtraction 2 6 8 13 16 17 20
Multiplication and division 1 3 10 12 20
Fractions, decimals and percentages 4 7 9 10 11 13 15
Measurement 8 11 12 14 17 19
Properties of shapes 18
Position, direction 19
Statistics 49