

11 Plus mini paper

Name _____

Date _____

Time: about 10 minutes

Tick one answer for each question on the tick sheet at the back. When you finish, turn to the answers and mark it together. Scan the code to do the same questions on screen, with a score and worked answers.



Do it on screen

- 1 Find the missing number that makes both sides equal.**

$$91 + 726 = ? + 722$$

- (A) 91 (B) 4 (C) 95 (D) 87 (E) 817

- 2 What is $4\frac{3}{4}$ as an improper fraction?**

- (A) $\frac{3}{4}$ (B) $\frac{19}{4}$ (C) $\frac{7}{4}$ (D) $\frac{16}{4}$ (E) $\frac{19}{16}$

- 3 What is 60% of 400?**

- (A) 240 (B) 280 (C) 40 (D) 160 (E) 480

- 4 Aisha buys 4 tennis balls at 69p each and a water bottle for £2.05. They pay with £5. How much change do they get?**

- (A) £0.38 (B) £2.26 (C) £0.09 (D) £1.19 (E) £0.19

- 5 Which word best completes the sentence?**

Can you pass me _____ pencils, please?

- (A) there (B) this (C) that (D) those (E) them

- 6 Which sentence is punctuated correctly?**

- (A) It's time for the childrens lunch. (B) Its time for the childrens' lunch.
(C) It's time for the children's lunch. (D) Its' time for the children's lunch.

- 7 What does the word “tedium” mean?**

- (A) great enjoyment and energy (B) boredom from dullness (C) a natural ability
(D) determination to keep going

- 8 Which word is closest in meaning to “end”?**

- (A) gentle (B) silver (C) window (D) conclude (E) polite

- 9 Find the next number in this series.**

14, 42, 22, 39, 30, 36, ?

- (A) 46 (B) 33 (C) 38 (D) 48 (E) 37

10 Read the clues. Who is the oldest?

1. Cara is younger than Finn.
2. Hal is older than Finn.
3. Cara is older than Esme.
4. Dev is older than Hal.

(A) Cara (B) Dev (C) Hal (D) Finn (E) Esme

11 Which figure comes next in the series?



12 Which figure is the odd one out?



Tick sheet

Fill in one circle for each question.

- 1 ☐ A ☐ B ☐ C ☐ D ☐ E
- 2 ☐ A ☐ B ☐ C ☐ D ☐ E
- 3 ☐ A ☐ B ☐ C ☐ D ☐ E
- 4 ☐ A ☐ B ☐ C ☐ D ☐ E
- 5 ☐ A ☐ B ☐ C ☐ D ☐ E
- 6 ☐ A ☐ B ☐ C ☐ D
- 7 ☐ A ☐ B ☐ C ☐ D
- 8 ☐ A ☐ B ☐ C ☐ D ☐ E
- 9 ☐ A ☐ B ☐ C ☐ D ☐ E
- 10 ☐ A ☐ B ☐ C ☐ D ☐ E
- 11 ☐ A ☐ B ☐ C ☐ D ☐ E
- 12 ☐ A ☐ B ☐ C ☐ D ☐ E



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Answers and explanations

Read the working together. The lines under each answer say why the other options tempt children, which is where most of the learning happens.

- 1 **C** The left side is $91 + 726 = 817$. So $? + 722 = 817$, and $? = 817 - 722 = 95$. A quicker way: 722 is 4 less than 726, so ? must be 4 more than 91.
D The right side's number is 4 smaller, so the missing number must be 4 bigger, not smaller.
E This is the total of the left side. The right side already has 722 in it, so the missing number is smaller.
- 2 **B** Each whole is $\frac{4}{4}$, so 4 wholes are $\frac{16}{4}$. Add the $\frac{3}{4}$: $16 + 3 = 19$, giving $\frac{19}{4}$.
C This just adds the whole number to the top. Each whole is worth 4 parts, not 1.
D This multiplies the whole number by the top instead of by the bottom.
- 3 **A** Find 10% first: $400 \div 10 = 40$. Build 60% from that: 240.
D This is 40% of 400, the part left over, not 60%.
E This is double the correct answer, 240. Check whether you doubled when you should not have.
- 4 **E** Tennis balls: $4 \times 69p = £2.76$. Total: £4.81. Change: $£5.00 - £4.81 = £0.19$.
A This is double the correct answer, £0.19. Check whether you doubled when you should not have.
B This counts only one of the 4 tennis balls; all 4 must be paid for.
- 5 **D** "those" is the word that fits: Can you pass me those pencils, please?
A "There" is a place, not a word that points to a noun.
E "Them" is not used before a noun in standard English.
- 6 **C** The correct sentence is: It's time for the children's lunch. An apostrophe shows missing letters (can't) or that something belongs to someone (the cat's).
A The first apostrophe is right, but "children's" needs one before the s to show the lunch belongs to the children.
B "Its" needs an apostrophe here (it is), and "children's" takes the apostrophe before the s, because children is already plural.
- 7 **B** "Tedium" (noun) means boredom from dullness. For example: Games on the phone relieved the tedium of the queue.
C That is what "aptitude" means, an unrelated word. "tedium" means boredom from dullness.
D That is what "tenacity" means, an unrelated word. "tedium" means boredom from dullness.
- 8 **D** "conclude" has a similar meaning to "end".
B "end" and "conclude" mean the same. "silver" is a different kind of word and is not linked to either.
C "end" and "conclude" mean the same. "window" is a different kind of word and is not linked to either.
- 9 **C** Two series take turns: 14, 22, 30 (add 8) and 42, 39, 36 (take away 3). The next number continues the first: 38.
A Adds 8 twice to 30. Only one step of 8 is needed to get from 30 to the next number of this series.
B This is the next number of the other series (take away 3 from 36), but it is the turn of the series that goes up by 8, from 30.
- 10 **B** Put the clues in order from oldest to youngest: Dev, Hal, Finn, Cara, Esme. Who is the oldest: Dev.
A Cara is fourth from the oldest end, in the middle of the line, so is neither the oldest nor the youngest.
C Hal is second from the oldest end, in the middle of the line, so is neither the oldest nor the youngest.
- 11 **D** The flag turns 135° clockwise each step and the shading alternates; one dot is added each time.
A The angle is right but the shading is wrong: it alternates grey and unshaded, and the last figure was unshaded, so this one should be grey.
C This repeats the last figure's angle (45°). The shape should turn 135° clockwise again, to 180° .
- 12 **A** In each figure the number of dots matches the number of sides of the shape, except the odd one out. Shading and angle are distractors.
D This black pentagon (turned to 90°) has 5 sides and 5 dots, so it follows the rule. Only one figure's dots differ from its sides.
E This unshaded pentagon (upright (0°)) has 5 sides and 5 dots, so it follows the rule. Only one figure's dots differ from its sides.