Year 2 maths: Numbers to 1000 (Hard)

Maths · Number
Level: Hard

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. I have 5 hundreds, 3 tens and 14 ones. What number am I?

Answer: ☐

Working:

2. I am a three-digit number. My hundreds digit is 3. My tens digit is double my hundreds digit. My ones digit is 1 less than my tens digit. What am I?

Answer: ☐

Working:

3. Oliver says 2 ones, 6 hundreds and 0 tens make 260. Is he right?

Circle one answer.

○ **A** Yes, he is right ○ **B** No, it is 602 ○ **C** No, it is 206 ○ **D** No, it is 620

4. A number line goes from 200 to 300 in 10 equal jumps. Ari's dot is 5 jumps after 200. What number is it?

Circle one answer.

○ **A** 240 ○ **B** 250 ○ **C** 205 ○ **D** 260

5. The school hall has 800 chairs. A truck brings 25 more, then another 50. How many chairs now?

Answer: ☐

Working:

6. A school fete sold 850 raffle tickets in the morning and 150 in the afternoon. How many tickets did it sell altogether?

Answer: ☐ tickets

Working:

7. Tick every sum that makes 742.

Tick every answer that fits.

☐ **A** 700 + 40 + 2

☐ **B** 700 + 20 + 20 + 2

☐ **C** 700 + 30 + 2

☐ **D** 70 + 4 + 2

☐ **E** 400 + 70 + 2

8. In 806, what is the tens digit worth?

Circle one answer.

○ **A** 6 ○ **B** 0 ○ **C** 800 ○ **D** 80

9. Add 20 to each number: 190, 290, 390, 490. Write the four answers, with commas between them.

190 **290** **390** **490**

10. What number is halfway between 85 and 145?

Answer: ☐

Working:

Answer key

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1. 544

14 ones is 1 ten and 4 ones. So I have 5 hundreds, 4 tens and 4 ones: 500 + 40 + 4 = 544.

2. 365

Hundreds digit: 3. Tens digit: double 3 is 6. Ones digit: 1 less than 6 is 5. So the number is 365.

3. B — No, it is 602

Oliver wrote the digits in the order he read them. Sorted, it is 6 hundreds, 0 tens, 2 ones: 602.

4. B — 250

10 jumps from 200 to 300 means each jump is 10. 5 jumps of 10 is 50, so the dot is on 250.

5. 875

800 + 25 = 825. Then 825 + 50 = 875 chairs.

6. 1000 tickets

Add the hundreds: 800 + 100 = 900. The two 50s make 100 more. 900 + 100 = 1000 tickets.

7. A — 700 + 40 + 2; B — 700 + 20 + 20 + 2

700 + 40 + 2 = 742, and 700 + 20 + 20 + 2 is also 742 because 20 + 20 = 40. 700 + 30 + 2 is 732, 70 + 4 + 2 is 76 and 400 + 70 + 2 is 472.

8. B — 0

The tens digit in 806 is the middle digit, 0. 0 tens is worth 0. The 8 is worth 800 and the 6 is worth 6.

9. 210,310,410,510

190 + 20: 9 tens and 2 tens make 11 tens, which is 1 new hundred and 1 ten. So 190 + 20 = 210. The others are 310, 410 and 510.

10. 115

85 to 145 is 60. Half of 60 is 30. 85 + 30 = 115. Check: 115 to 145 is 30 too.