Year 4 maths: Adding and subtracting: strategies and estimates (Easy)

Maths · Number
Level: Easy

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. What is 2467 + 1375?

Circle one answer.

○ **A** 3732 ○ **B** 3832 ○ **C** 3842 ○ **D** 3942

2. Work out 4643 − 1258. Answer: ☐

Working:

3. Jump to the next thousand first to work out 2980 + 70. Answer: ☐

Working:

4. What is 4700 + 500?

Circle one answer.

○ **A** 4200 ○ **B** 5500 ○ **C** 5200

5. Round 467 to the nearest ten. Answer: ☐

Working:

6. Estimate 412 + 286 by rounding each number to the nearest hundred.

Circle one answer.

○ **A** 600 ○ **B** 700 ○ **C** 698

7. Which sum checks that 812 − 347 = 465?

Circle one answer.

○ **A** 465 + 347 ○ **B** 812 + 347 ○ **C** 812 + 465

8. 456 + □ = 800. What number goes in the box?

Answer: ☐

Working:

9. A wildlife park had 586 visitors on Saturday and 829 on Sunday. How many more visitors came on Sunday?

Circle one answer.

○ **A** 363 ○ **B** 1415 ○ **C** 243

10. 268 people left the school concert at interval. 715 people came to the concert. Which number sentence finds how many people stayed?

Circle one answer.

○ **A** 715 + 268 ○ **B** 268 − 715 ○ **C** 715 − 268

Answer key

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1. C — 3842

Add each place: 2000 + 1000 = 3000, 400 + 300 = 700, 60 + 70 = 130 and 7 + 5 = 12. Then 3000 + 700 + 130 + 12 = 3842.

2. 3385

Trade first where a place is too small: 4643 is 4 thousands, 5 hundreds, 13 tens and 13 ones. Then 13 − 8 = 5, 13 − 5 = 8, 5 − 2 = 3 and 4 − 1 = 3, so 4643 − 1258 = 3385. Not 3415: that takes the smaller digit from the bigger one.

3. 3050

Jump to the next thousand first: 2980 + 20 = 3000. That uses 20 of the 70, so 50 is left: 3000 + 50 = 3050.

4. C — 5200

Jump to the next thousand first: 4700 + 300 = 5000. That uses 300 of the 500, so 200 is left: 5000 + 200 = 5200.

5. 470

467 is between 460 and 470. Halfway is 465. 467 is past halfway, so it rounds up: 467 rounded to the nearest ten is 470.

6. B — 700

412 rounds to 400 and 286 rounds to 300. 400 + 300 = 700, so the answer is about 700.

7. A — 465 + 347

The answer and the number taken away add up to the number you started with: 465 + 347 = 812.

8. 344

Undo adding 456 by taking it away: 800 − 456 = 344. Check: 344 + 456 = 800.

9. C — 243

The question asks for the difference, the gap between the two numbers, so subtract: 829 − 586 = 243.

10. C — 715 − 268

Start with the whole amount, 715, and take away 268. 715 − 268 = 447.