Skillswise

Addition activities - answers

A.

> There are many times when you want to add. You might:
> - count numbers of items and add up
> - find a total of a supermarket bill or similar
> - top up the time on a mobile phone
> - add together weights of items to check a total weight
> - use addition to find the change from a bill when giving a note
>
> There are many others. What did you think of?

B.

Always

> **2. Adding two or more even numbers together gives an even number**
> All even numbers (numbers that divide exactly by 2) can be broken down into a set of twos, eg 4 = 2 + 2, 6 + 2 + 2 + 2.
> So when you add two even numbers together you will just get a longer string of twos (eg 4 + 8 = 2 + 2 + 2 + 2 + 2 + 2).
> This means that the total will always be even.

Sometimes

> **1. Adding two or more odd numbers together gives an odd number**
> Adding two odd numbers gives an even number.
> Adding three odd numbers will give an odd number. 3 + 5 + 7 = 15
> So sometimes true.

> **3. Adding two whole numbers, each with 3 digits, gives another 3 digit number**
> Examples: 111 + 222 = 333
> But 500 + 500 = 1,000
> So sometimes true.

> **4. Adding two whole numbers, each with 3 digits, gives a 4 digit number**
> Examples: 500 + 500 = 1,000
> But 100 + 100 = 200
> So sometimes true.

> **6. Adding two numbers rounded to the nearest 10 gives the answer rounded to the nearest 10**
> This may be difficult to see.
> An example where it is true :   202 + 107 = 309 (309 rounds to 310)
> Rounded: 200 + 110 = 310
> An example where it is not true: 206 + 106 = 312 (312 rounds to 310)
> Rounded: 210 + 110 = 320
> So sometimes true.

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Never

5. Adding three whole numbers, each with 2 digits, gives a 4 digit number
The largest 2 digit number is 99. Adding three of these gives 297 which still only has three digits. So never true.