## Answers

## Answer: TIME

The times shown in 24 hour format are 20:00, 09:00, 13:00, 05:00. Converting the hour numbers to letters using $A=1, B=2$, etc gives TIME.

## Answer: DAY

The riddle hints at Daybreak, Leap Day, Seize the Day, and Present Day.


## Answer: PUDDING

The three groups are \{DECLAN, JASMINE, STICKY\} - can precede RICE; \{BEVERLEY, PUDSEY, SCARBOROUGH\} - places in YORKSHIRE; \{PENNY, PITCH, SIRIUS\} - can precede BLACK. RICE, YORKSHIRE and BLACK are all types of PUDDING.

## Answer: TREE

The first equation can only be $12 \times 12=144$, so $M=1, I=2$ and $A=4$
In the second equation TI cannot be 12,22 or 42 , so it has to be 32 , and hence $\mathrm{T}=3$ and $\mathrm{R}=6$
The third equation is therefore $\mathrm{DO}-\mathrm{SO}+20=6 \mathrm{E}$. As DO and SO end in the same letter, DO-SO must end in zero, which means when 20 is added the answer must still end in zero, so $E=0$. Hence RExRE is $60 \times 60=3600$, which is TREE. You don't need to know what D, S or O are to solve the puzzle.


## Answer: STOCKING

The sequences are
The ends of 4th, 3 rd, 2 nd, so the next in sequence is 1 st, hence ST. The word COMPLETE spelt backwards, so the next in sequence is OC.
Pairs of letters from the alphabet, going in reverse, and missing every other letter. W, U, S, Q, O,M,... so the next in sequence is KI. The word WRAPPING, spelt out in pairs, so the next in sequence is NG. Put them together to get ST-OC-KI-NG.

## Answer: CAROL

Assign the values 16,8,4,2,1 to the notes in each bar in order, and add up the values of the black notes. This gives $3,1,18,15,12$ (and is effectively binary) Converting these numbers to letters using $A=1, B=2$, etc gives CAROL

## Answer: FILM

First solve the code. Identify a 4-letter word. Look everywhere. Maybe it's very obvious.
The initial letters spell FILM.

Each puzzle can be linked to an image on the front of the card, using the icon in the question number. The images have different patterns which can also be seen in the grid.

From each answer take the letter indicated by the number:

> 1: Bauble. TIME. E, I, T
> 2: \& Gingerbread man. DAY. Y, D, A
> 3: Bell. PUDDING. U, I, N
> 4: 7 Cane. TREE. T, E, E
> 5: Star. STOCKING. I, T, S
> 6: 尚 Parcel. CAROL. L, C, O
> 7: Glove. FILM. L, F, I


