## Maths Code Crackers | Year 3|Time | Questions

## Butterfly Education and Awareness Day (First Saturday in June)

The Association for Butterflies created the 'Butterfly Education and Awareness Day’ to highlight the importance of butterflies. Butterflies are important pollinators of plants. Depending on the species of butterfly, an adult butterfly can live anywhere between a week to a year. Scientists estimate that there are between 15,000 and 20,000 different species of butterfly.

Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

1. On an analogue clock, the minute hand points exactly at VI. The hour hand is between the IV and the $V$. What time is it?
2. What is a quarter past $8 \mathrm{p} . \mathrm{m}$. as a 24 -hour digital clock time?
3. A stopwatch has been going for 270 seconds. What will the display look like in minutes and seconds? __ :
4. What a.m. time is this?

5. What is 25 to 7 p.m. as a 24-hour digital clock time?
6. What is 21 minutes to 10 a.m. as a digital clock time?
7. Here is part of an analogue clock. What a.m. digital time is this?

8. Here is part of an analogue clock. What p.m. time is this in 24 -hour digital time?

9. Which of these is the latest time in a day: noon, 11:58
a.m., 12:10 p.m., 12:05 p.m.?
10. What time is 75 minutes later than 10:25?

## Did you know?

Butterflies have taste sensors on their feet, by standing on a leaf they can taste to see if their caterpillars can eat it.
10. What time is 40 minutes earlier than 25 past 1 ?

| A | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ | $\mathbf{G}$ | $\mathbf{H}$ | $\mathbf{I}$ | $\mathbf{J}$ | $\mathbf{K}$ | $\mathbf{L}$ | $\mathbf{M}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $23: 56$ | $03: 45$ | $12: 45$ | $18: 25$ | $01: 09$ | $08: 12$ | $14: 33$ | $20: 15$ | $12: 10$ | $10: 11$ | $16: 40$ | $21: 22$ | $04: 30$ |
| $\mathbf{N}$ | $\mathbf{O}$ | $\mathbf{P}$ | $\mathbf{Q}$ | $\mathbf{R}$ | $\mathbf{S}$ | $\mathbf{T}$ | $\mathbf{U}$ | $\mathbf{V}$ | $\mathbf{W}$ | $\mathbf{X}$ | $\mathbf{Y}$ | $\mathbf{Z}$ |
| noon | $09: 39$ | $05: 05$ | $22: 56$ | $20: 20$ | $18: 35$ | $11: 40$ | $12: 08$ | $01: 14$ | $11: 58$ | $23: 38$ | $11: 11$ | $09: 30$ |

## What do insects study in school?

1. On an analogue clock, the minute hand points exactly at VI. The hour hand is between the IV and the V. What time is it?
2. What is 21 minutes to 10 a.m. as a digital clock time? 09:39
3. What time is 75 minutes later than 10:25? 11:40 T
4. What is a quarter past 8 p.m. as a 24 -hour digital clock time? $20: 15$
5. Here is part of an analogue clock face. What a.m. digital time is this?

01:09
6. A stopwatch has been going for 270 seconds. What will the display look like in minutes and seconds? _ _ _ _

04:30 M
7. Here is part of an analogue clock face. What p.m. time is this in 24-hour digital time?
8. What a.m. time is this? (see clock face)

11:40
T
9. Which of these is the latest time in a day: noon, 11:58 a.m., 12:10 p.m., 12:05 p.m.?
10. What time is 40 minutes earlier than 25 past 1? 12:45

C
11. What is 25 to 7 p.m. as a 24-hour digital clock time? 18:35

