⭐ 5a Holiday calculations

Can you help Ana solve these problems?

- I am visiting my grandparents for 4 weeks. How many days is that?

- My grandparents have 2 dogs. They are 5 years old and 6 years old. Their age in 'dog years' is 7 times bigger. How old are the dogs in 'dog years'?

- I take the dogs for a walk every day. We walk for 2 hours in the morning and 1 hour in the evening. How long do the dogs walk with me every week?

- My older brother works as a babysitter during the holidays. He charges £7 per hour. Last week he worked 2 hours per day on Monday, Tuesday and Wednesday. He worked 3 hours per day on Thursday and Friday. How much money did my brother earn last week?

- My brother saves £7 each day. He wants to buy a new bike that costs £100. How many days does he need to save to buy the bike?

You need:
- paper and pencil

Can you think of different ways to solve these problems?

Please help your child by reading the instructions and doing the activity together.

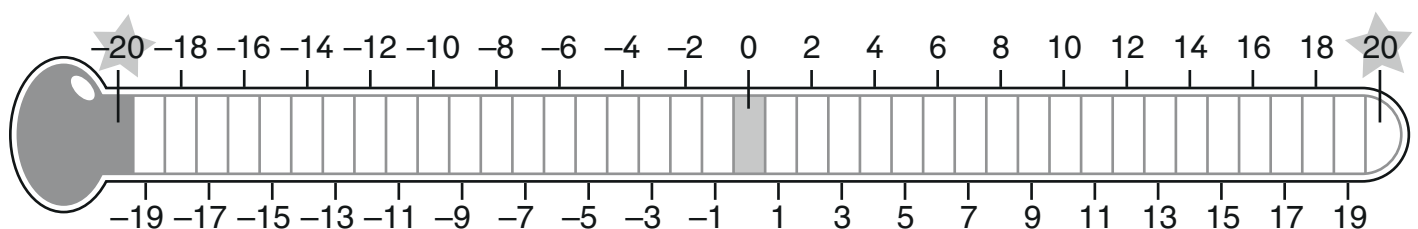*Rising Stars Mathematics* Year 4 © Rising Stars UK Ltd 2016

⭐ 5a Temperature game

- Both players start at 0°C.
- Take turns to roll the dice.
- If the number is 4, 5 or 6, the temperature falls. Move by as many degrees as the number on the dice in a negative direction. Put a pencil mark where you land.
- If the number is 1, 2 or 3, the temperature rises. Move in a positive direction and mark where you land.
- Write number statements to show each move you make.
- The winner reaches 20°C or –20°C first.

You need:
- 1–6 dice
- paper and pencil
- a partner

–20 –18 –16 –14 –12 –10 –8 –6 –4 –2 0 2 4 6 8 10 12 14 16 18 20

–19 –17 –15 –13 –11 –9 –7 –5 –3 –1 1 3 5 7 9 11 13 15 17 19

Please help your child by reading the instructions and doing the activity together.