Problem Solving and Observation Exercise

(This exercise must be completed within 2-5 minutes - you decide)

1. Some months have 30 days, some have thirty-one. How many months have twenty eight days?

2. If you only had one match and entered a dark room where there was an Oil Lamp, Oil Heater and some Kindling Wood (to get the fire going), which would you light first?

3. If your Doctor gave you three pills and told you to take one every half hour, how long will it be before you've taken them all?

4. A man builds his house with four sides. It's a rectangular structure, with each side having a southern exposure. A big bear comes wandering by. What colour is the bear?

5. Divide 30 by a half, then add ten. What is the answer?

6. Take two apples from three apples. What do you have?

7. How many animals of each species did Moses take with him on the Ark?

8. If you drove a bus with 42 people on it from Trafalgar Square, stopped in Reading to pick up 7 more and drop off 5. Then drove to Bournemouth where you dropped off a further 8 and picked up 4, arriving in Plymouth a few hours later. What is the driver's name?

Problem Solving and Observation Exercise - ANSWERS

1. Some months have 30 days, some have thirty-one.
    How many months have twenty eight days?

    - All months have 28 days

2. If you only had one match and entered a dark room where there
    was an Oil Lamp, Oil Heater and some Kindling Wood (to get the
    fire going), which would you light first

    - **You'd light the match**

3. If your Doctor gave you three pills and told you to take one every
    half hour, how long will it be before you've taken them all?

    - It would be 1 hour before you'd taken them all.
    Eg. Pill 1 at 6pm, Pill 2 at 6.30pm, Pill 3 at 7.00pm

4. A man builds his house with four sides. It's a rectangular
    structure, with each side having a southern exposure. A
    big bear comes wandering by. What colour is the bear?

    - White. With 4 south facing walls, he's at the South Pole

5. Divide 30 by a half, then add ten. What is the answer?

    - The answer is 70. [30 / 0.5 = 60+10=70. Not 30/2]

6. Take two apples from three apples. What do you have?

    - You have 2 apples, as you took the two from the three

7. How many animals of each species did Moses take with
    him on the Ark?

    - None. Noah was on the Ark, not Moses

8. If you drove a bus with 42 people on it from Trafalgar Square,
    stopped in Reading to pick up 7 more and drop off 5. Then drove to
    Bournemouth where you dropped off a further 8 and picked up 4,
    arriving in Plymouth a few hours later. What is the driver's name?

    - Your Name, as 'you drove a bus..'