

## 1LS31: Step 2

## Rehearse and Reason

### The hands on a clock

#### WORKED EXAMPLE

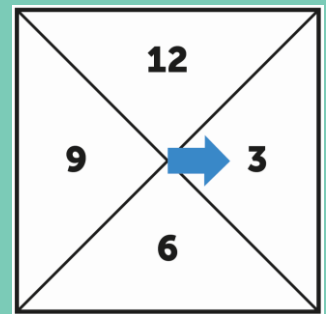


There are different hands on a clock.

The hands show seconds, minutes and hours.

All the hands move clockwise.

Starting from 12 at the top, you can find a quarter, half, three-quarter and full turn.



#### REHEARSE

Choose the right words and numbers to complete the sentences.

All the hands on a clock move **anti-clockwise / clockwise**.

The second hand moves every **second / minute**.

When it has completed a **full turn**, it has counted \_\_\_\_\_ seconds.

The **second / minute** hand moves every minute.

When it has completed a **full turn**, it has counted \_\_\_\_\_ minutes.

#### REHEARSE

Using a clock, move a hand clockwise to work out the turn.

| Start at | End at | Turn (circle the correct one) |      |                |             |
|----------|--------|-------------------------------|------|----------------|-------------|
| 12       | 6      | quarter                       | half | three quarters | full        |
| 12       | 3      | quarter                       | half | three quarters | full        |
| 12       | 9      | quarter                       | half | three quarters | full        |
| 6        | 12     | quarter                       | half | three quarters | full        |
|          | 12     | quarter                       | half | three quarters | <b>full</b> |

## RETRIEVE

Can I still recall bonds to 10?

$$\underline{\quad} + 6 = 10$$

$$5 + \underline{\quad} = 10$$

$$7 + \underline{\quad} = 10$$

$$2 + \underline{\quad} = 10$$

$$\underline{\quad} + 1 = 10$$

$$0 + \underline{\quad} = 10$$





## REHEARSE

Use a physical or interactive geared clock.

Watch the hands closely.

What do you notice?

Use what you see to complete the table.

|  |   |
|--|---|
| The second hand has completed a full turn.  | The minute hand has moved _____ minute. |
| The minute hand has completed a full turn.  | The hour hand has moved _____ hour.     |
| The hour hand has completed a full turn.   | _____ hours have been counted.          |
| The hour hand has completed _____ turns.  | A day has been counted.                 |

## REHEARSE

Match the equivalent lengths of time.

1 minute

60 minutes

1 hour

24 hours

1 day

60 seconds

## APPLY AND EXPLORE

Can you make any other connections? The word bank may help.

full  
half  
quarter  
hours  
minutes  
seconds  
days