

# Practice 3

## Addition

Date: \_\_\_\_\_



First add the hours.  
Then add the minutes.

1 Add.

### Example

$$2 \text{ h } 15 \text{ mins} + 2 \text{ h } 20 \text{ mins} = ?$$

$$\begin{array}{r} \diagup \quad \diagdown \\ 2 \text{ h } 15 \text{ mins} \quad 2 \text{ h } 20 \text{ mins} \end{array}$$

$$\underline{2} \text{ h} + \underline{2} \text{ h} = \underline{4} \text{ h}$$

$$2 \text{ h } 15 \text{ mins} + 2 \text{ h } 20 \text{ mins}$$

$$\underline{15} \text{ mins} + \underline{20} \text{ mins} = \underline{35} \text{ mins}$$

$$= \underline{4} \text{ h } \underline{35} \text{ mins}$$

$$\underline{4} \text{ h} + \underline{35} \text{ mins} = \underline{4} \text{ h } \underline{35} \text{ mins}$$

**a**  $3 \text{ h } 25 \text{ mins} + 5 \text{ h } 30 \text{ mins} = ?$

$$\begin{array}{r} \diagup \quad \diagdown \\ 3 \text{ h } 25 \text{ mins} \quad 5 \text{ h } 30 \text{ mins} \end{array}$$

$$3 \text{ h } 25 \text{ mins} + 5 \text{ h } 30 \text{ mins}$$

$$= \underline{\quad} \text{ h } \underline{\quad} \text{ mins}$$

$$\underline{\quad} \text{ h} + \underline{\quad} \text{ h} = \underline{\quad} \text{ h}$$

$$\underline{\quad} \text{ mins} + \underline{\quad} \text{ mins} = \underline{\quad} \text{ mins}$$

$$\underline{\quad} \text{ h} + \underline{\quad} \text{ mins} = \underline{\quad} \text{ h } \underline{\quad} \text{ mins}$$

**b**  $7 \text{ h } 30 \text{ mins} + 3 \text{ h } 14 \text{ mins} = ?$

$$\begin{array}{r} \diagup \quad \diagdown \\ 7 \text{ h } 30 \text{ mins} \quad 3 \text{ h } 14 \text{ mins} \end{array}$$

$$7 \text{ h } 30 \text{ mins} + 3 \text{ h } 14 \text{ mins}$$

$$= \underline{\quad} \text{ h } \underline{\quad} \text{ mins}$$

$$\underline{\quad} \text{ h} + \underline{\quad} \text{ h} = \underline{\quad} \text{ h}$$

$$\underline{\quad} \text{ mins} + \underline{\quad} \text{ mins} = \underline{\quad} \text{ mins}$$

$$\underline{\quad} \text{ h} + \underline{\quad} \text{ mins} = \underline{\quad} \text{ h } \underline{\quad} \text{ mins}$$

c  $2\text{ h } 50\text{ mins} + 1\text{ h } 9\text{ mins} = ?$



$2\text{ h } 50\text{ mins} + 1\text{ h } 9\text{ mins}$

$= \text{ } \_\_\_\_\_\_ \text{ h } \_\_\_\_\_\_ \text{ mins}$

$\text{ } \_\_\_\_\_\_ \text{ h} + \text{ } \_\_\_\_\_\_ \text{ h} = \text{ } \_\_\_\_\_\_ \text{ h}$

$\text{ } \_\_\_\_\_\_ \text{ mins} + \text{ } \_\_\_\_\_\_ \text{ mins} = \text{ } \_\_\_\_\_\_ \text{ mins}$

$\text{ } \_\_\_\_\_\_ \text{ h} + \text{ } \_\_\_\_\_\_ \text{ mins} = \text{ } \_\_\_\_\_\_ \text{ h } \_\_\_\_\_\_ \text{ mins}$

**2** Add.

a  $20\text{ mins} + 55\text{ mins} = \text{ } \_\_\_\_\_\_ \text{ mins}$

$\text{ } \_\_\_\_\_\_ \text{ mins} = \text{ } \_\_\_\_\_\_ \text{ h } \_\_\_\_\_\_ \text{ mins}$



Regroup the minutes to hours and minutes!



b  $55\text{ mins} + 45\text{ mins} = \text{ } \_\_\_\_\_\_ \text{ mins}$

$\text{ } \_\_\_\_\_\_ \text{ mins} = \text{ } \_\_\_\_\_\_ \text{ h } \_\_\_\_\_\_ \text{ mins}$



c  $4\text{ h } 46\text{ mins} + 2\text{ h } 14\text{ mins} = \text{ } \_\_\_\_\_\_ \text{ h } \_\_\_\_\_\_ \text{ mins}$

$= \text{ } \_\_\_\_\_\_ \text{ h}$

d  $1\text{ h } 48\text{ mins} + 3\text{ h } 35\text{ mins} = \text{ } \_\_\_\_\_\_ \text{ h } \_\_\_\_\_\_ \text{ mins}$

$= \text{ } \_\_\_\_\_\_ \text{ h } \_\_\_\_\_\_ \text{ mins}$

**3** Farha spends 50 minutes practising the piano.

She then spends 2 h 15 mins doing her homework.

How long does she spend on the two tasks in total?

# Practice 4

## Subtraction

Date: \_\_\_\_\_

1 Subtract.



First subtract the hours.  
Then subtract the minutes.

### Example

$$7\text{ h } 20\text{ mins} - 3\text{ h } 10\text{ mins} = ?$$

$$\begin{array}{r} 7\text{ h } 20\text{ mins} \\ 3\text{ h } 10\text{ mins} \end{array}$$

$$7\text{ h } 20\text{ mins} - 3\text{ h } 10\text{ mins}$$

$$= \underline{4}\text{ h } \underline{10}\text{ mins}$$

$$\underline{7}\text{ h} - \underline{3}\text{ h} = \underline{4}\text{ h}$$

$$\underline{20}\text{ mins} - \underline{10}\text{ mins} = \underline{10}\text{ mins}$$

$$\underline{4}\text{ h} + \underline{10}\text{ mins} = \underline{4}\text{ h } \underline{10}\text{ mins}$$

a  $8\text{ h } 20\text{ mins} - 7\text{ h } 15\text{ mins} = ?$

$$\begin{array}{r} 8\text{ h } 20\text{ mins} \\ 7\text{ h } 15\text{ mins} \end{array}$$

$$8\text{ h } 20\text{ mins} - 7\text{ h } 15\text{ mins}$$

$$= \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$$

$$\underline{\quad}\text{ h} - \underline{\quad}\text{ h} = \underline{\quad}\text{ h}$$

$$\underline{\quad}\text{ mins} - \underline{\quad}\text{ mins} = \underline{\quad}\text{ mins}$$

$$\underline{\quad}\text{ h} + \underline{\quad}\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$$

b  $4\text{ h } 35\text{ mins} - 1\text{ h } 15\text{ mins} = ?$

$$\begin{array}{r} 4\text{ h } 35\text{ mins} \\ 1\text{ h } 15\text{ mins} \end{array}$$

$$4\text{ h } 35\text{ mins} - 1\text{ h } 15\text{ mins}$$

$$= \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$$

$$\underline{\quad}\text{ h} - \underline{\quad}\text{ h} = \underline{\quad}\text{ h}$$

$$\underline{\quad}\text{ mins} - \underline{\quad}\text{ mins} = \underline{\quad}\text{ mins}$$

$$\underline{\quad}\text{ h} + \underline{\quad}\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$$

c  $3\text{ h } 55\text{ mins} - 2\text{ h } 30\text{ mins} = ?$

$$\begin{array}{r} 3\text{ h } 55\text{ mins} \\ 2\text{ h } 30\text{ mins} \end{array}$$

$$3\text{ h } 55\text{ mins} - 2\text{ h } 30\text{ mins}$$

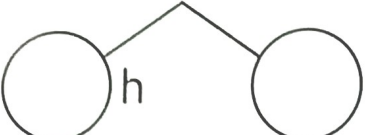
$$= \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$$

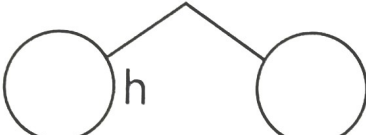
$$\underline{\quad}\text{ h} - \underline{\quad}\text{ h} = \underline{\quad}\text{ h}$$

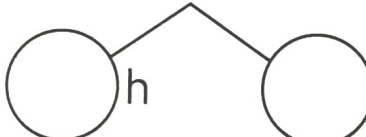
$$\underline{\quad}\text{ mins} - \underline{\quad}\text{ mins} = \underline{\quad}\text{ mins}$$

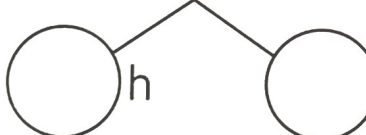
$$\underline{\quad}\text{ h} + \underline{\quad}\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$$

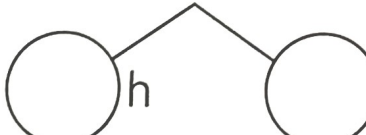
**2** Subtract.

**a**  $2\text{ h } 20\text{ mins} - 1\text{ h } 50\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins} - \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$   
  $= \underline{\quad}\text{ mins}$

**b**  $5\text{ h } 15\text{ mins} - 2\text{ h } 25\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins} - \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$   
  $= \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$

**c**  $4\text{ h } 30\text{ mins} - 2\text{ h } 35\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins} - \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$   
  $= \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$

**d**  $6\text{ h } 10\text{ mins} - 1\text{ h } 55\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins} - \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$   
  $= \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$

**e**  $9\text{ h } 40\text{ mins} - 4\text{ h } 45\text{ mins} = \underline{\quad}\text{ h } \underline{\quad}\text{ mins} - \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$   
  $= \underline{\quad}\text{ h } \underline{\quad}\text{ mins}$

- 3** Mrs Taylor takes 3 h 5 mins to cook dinner.  
Mr Johnson takes 2 h 40 mins to cook dinner.  
How much longer does Mrs Taylor take to cook dinner than Mr Johnson?

## practice 5

## Duration in hours and minutes

Date: \_\_\_\_\_

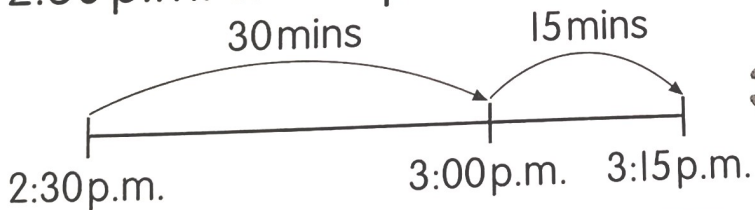
1 Fill in the spaces with the time.  
What time is:

- a 2 hours after 8:00 p.m.? \_\_\_\_\_
- b 3 hours before 6:40 a.m.? \_\_\_\_\_
- c 30 minutes after 1:36 p.m.? \_\_\_\_\_
- d 45 minutes before 7:05 a.m.? \_\_\_\_\_
- e 3 hours after 10:25 a.m.? \_\_\_\_\_
- f 2 hours before 1:20 p.m.? \_\_\_\_\_

2 Draw a timeline to find the duration. Fill in the spaces.

### Example

2:30 p.m. to 3:15 p.m. 45 mins



$$30 \text{ mins} + 15 \text{ mins} = 45 \text{ mins}$$

- a 7:45 p.m. to 8:15 p.m. \_\_\_\_\_
- b 2:30 p.m. to 4:50 p.m. \_\_\_\_\_




c 7:45 a.m. to 9:50 a.m. \_\_\_\_\_

d 11:30 p.m. to 2:10 a.m. \_\_\_\_\_

e 11:25 a.m. to 3:10 p.m. \_\_\_\_\_

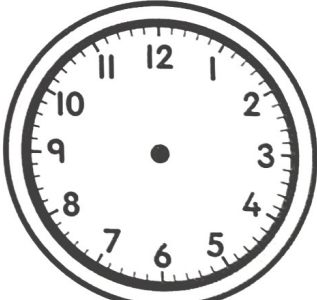
**3** Fill in the boxes with the correct time.  
Then draw the missing hands on each clock face.

**a**

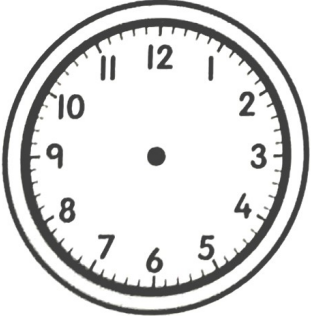


9:30 p.m.


3 hours and 15 minutes later



**b**



2 hours and 45 minutes earlier



2:00 a.m.

Solve these word problems.  
Draw a timeline to help you.

- 4 Mr Graham exercises every morning.  
He starts at 6:30 a.m. and finishes at 8:15 a.m.  
How long does he spend exercising each morning?

- 5 Ella starts reading a book at 2:35 p.m.  
It takes her 3 h 10 mins to finish reading the book.  
What time does she finish reading the book?



- 6 Peter goes to the library.  
He is there for 2 h 15 mins. He leaves the library at 5:40 p.m.  
What time did he go to the library?

**7** Omar is at his friend's house from 11:50 a.m. to 3:15 p.m.  
How long is his visit?

**8** Mr Kahn travels to London by train.  
The journey takes 3 h 30 mins.  
His train leaves at 9:20 a.m.  
What time does he arrive in London?

**9** Mrs Kemp's flight landed at Heathrow at 2:25 a.m.  
Her flight took 4 h 45 mins.  
What time did her plane take off?