



# SHREE VASISHTHA VIDHYALAYA

Maths Worksheet 2024-25



Name : - Answerkey





Roll No. :- \_\_\_\_\_ Worksheet No. PA-2-02

Std.:- IV - \_\_\_\_\_

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

Ch.9 Time and calendar, Ch. 13 Symmetry

Q-1) Chose the correct answer.

- 1) 3 days 7 hours = \_\_\_\_\_ hours.  
a. 67 ☒ 6. 79 c. 149 d. 89
- 2) Twenty minutes to eight, the time is same as \_\_\_\_\_  
a. 8:20 b. 7:20 c. 8:40 ☒ d. 7:40
- 3) 5 hours 30 minutes = \_\_\_\_\_ minutes.  
a. 220 b. 420 c. 510 ☒ d. 330
- 4) Square has \_\_\_\_\_ lines of symmetry.  
☒ a. 4 b. 2 c. 1 d. many
- 5) Which of the following alphabet does not have line of symmetry?  
☒ a. G b. A c. X d. M
- 6) Which of the following figure is symmetric?  
☒ a.  b.  c.  d. 
- 7) Triangle with all sides of different lengths have \_\_\_\_\_ lines of symmetry.  
a. 3 ☒ b. 0 c. 6 d. many
- 8) Which of the following alphabet has 2 lines of symmetry?  
a. O ☒ b. I c. P d. K

Q-2) Fill in the blanks.

- 1) 1 hour = 60 minutes
- 2) Cone has 1 curved and 1 flat faces.
- 3) The fold line of shape is called axis of symmetry
- 4) Hexagon with all sides equal have 6 lines of symmetry.
- 5) 1 minute = 60 seconds
- 6) 1 hour = 3600 seconds
- 7) 2 days 5 hour = 53 hours
- 8) 360 minutes = 6 hours

Q-3) Write the following time in figures.

- |                       |              |
|-----------------------|--------------|
| 1) 8 o'clock          | <u>8:00</u>  |
| 2) 37 minutes past 10 | <u>10:37</u> |
| 3) Quarter past 9     | <u>9:15</u>  |
| 4) Half past 7        | <u>7:30</u>  |
| 5) 20 minutes to 6    | <u>5:40</u>  |
| 6) Quarter to 10      | <u>9:45</u>  |

Q-4) Write the following time in words.

- |          |                                      |
|----------|--------------------------------------|
| 1) 8:30  | <u>Half past eight</u>               |
| 2) 5:40  | <u>Twenty minutes to six</u>         |
| 3) 9:25  | <u>Twenty-five minutes past nine</u> |
| 4) 4:25  | <u>Twenty-five minutes past four</u> |
| 5) 10:45 | <u>Quarter to eleven</u>             |
| 6) 3:20  | <u>Twenty minutes past three</u>     |

Q-5) Write a.m. or p.m.

- |   |             |
|---|-------------|
| 1) I get up from the bed at 6:00                | <u>a.m.</u> |
| 2) Mayank goes to office at 9:30                | <u>a.m.</u> |
| 3) Everyday, I go to play at 4:00               | <u>p.m.</u> |
| 4) My father comes back from the office at 7:00 | <u>p.m.</u> |
| 5) Time 40 minutes after 12 midnight is 12:40   | <u>a.m.</u> |

Q-6) State whether following statements are true or false.

- |   |              |
|---|--------------|
| 1) Short hand of a watch is called minute hand.         | <u>False</u> |
| 2) Ante meridiem means after midday.                    | <u>False</u> |
| 3) We do not write a.m. or p.m. for 12 o'clock.         | <u>True</u>  |
| 4) When the minute hand is before 6 we read it as past. | <u>True</u>  |
| 5) When minute hand is after 6 we read it as to.        | <u>True</u>  |
| 6) 12 noon is 12 a.m.                                   | <u>False</u> |
| 7) Half past 8 in the morning is 8:30 p.m.              | <u>False</u> |

Q-7) Solve the following

- 1) Mr. Sharma starts his morning walk daily at 6:15 a.m. He completes it 7:10 a.m. How many minutes does he walk?

Starts walking at = 6:15 a.m.  
Completes at = 7:10 a.m.

$$\begin{array}{l} 6:15 \text{ a.m.} + 45 \text{ min.} \rightarrow 7:00 \text{ a.m.} \\ 7:00 \text{ a.m.} + 10 \text{ min.} \rightarrow 7:10 \text{ a.m.} \end{array}$$

$$\begin{array}{l} \text{Total time} = 45 \text{ min} + 10 \text{ min.} \\ = 55 \text{ min.} \end{array}$$

Ans.

He walks for 55 minutes

- 2) The movie started at 3:10 p.m. and ended at 6:10 p.m. How long did the movie last?

Movie starts at = 3:10 p.m.  
Ends at = 6:10 p.m.

Duration

$$\begin{array}{l} 3:10 \text{ p.m.} + 50 \text{ min.} \rightarrow 4 \text{ p.m.} \\ 4 \text{ p.m.} + 2 \text{ hr} \rightarrow 6 \text{ p.m.} \\ 6 \text{ p.m.} + 10 \text{ min.} \rightarrow 6:10 \text{ p.m.} \end{array}$$

$$\begin{array}{l} \text{Total time} = \\ = 2 \text{ hr} + 50 \text{ min} + 10 \text{ min} \\ = 2 \text{ hr} + 60 \text{ min} \\ 60 \text{ min.} = 1 \text{ hr} \end{array}$$

$$\therefore 2 \text{ hr} + 1 \text{ hr} = 3 \text{ hours}$$

Ans. Movie lasts 3 hours longer.

- 3) The flight took off for Ahmedabad from Delhi at 5:10 p.m. The plane landed at Ahmedabad at 7:35 p.m. What was the duration of the flight?

Flight took off at = 5:10 p.m.  
landed at = 7:35 p.m.

Duration.

$$\begin{array}{l} 5:10 \text{ p.m.} + 50 \text{ min.} \rightarrow 6 \text{ p.m.} \\ 6 \text{ p.m.} + 1 \text{ hr} \rightarrow 7 \text{ p.m.} \\ 7 \text{ p.m.} + 35 \text{ min.} \rightarrow 7:35 \text{ p.m.} \end{array}$$

$$\begin{array}{l} \text{Total time} = \\ = 1 \text{ hr} + 50 \text{ min.} + 35 \text{ min.} \\ = 1 \text{ hr} + 85 \text{ min.} \\ 85 \text{ min.} = 1 \text{ hr } 25 \text{ min.} \\ \therefore 1 \text{ hr} + 1 \text{ hr} + 25 \text{ min} \\ = 2 \text{ hr } 25 \text{ min} \end{array}$$

Ans. The duration of the flight was 2 hr 25 minutes.

Q-8) Do as directed.

1. How many minutes are there from:

a. 9:10 a.m. to 9:45 a.m.

$$\begin{array}{l} 9:10 \text{ a.m.} + 35 \text{ min.} \rightarrow 9:45 \text{ a.m.} \\ 9:45 \\ - 9:10 \\ \hline 0:35 \end{array}$$

b. 9:35 p.m. to 9:50 p.m.

$$9:35 \text{ p.m.} + 15 \text{ min.} \rightarrow 9:50 \text{ p.m.}$$

2. How many hours and minutes are there from:

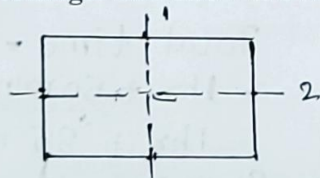
a. 10:50 a.m. to 12:05 p.m.	b. 6:15 p.m. to 9:40 p.m.
$10:50 \text{ a.m.} \xrightarrow{+10 \text{ min}} 11 \text{ a.m.}$ $11 \text{ a.m.} \xrightarrow{1 \text{ hr}} 12 \text{ noon}$ $12 \text{ noon} \xrightarrow{+5 \text{ min}} 12:05 \text{ p.m.}$ Total time = $1 \text{ hr} + (10 + 5) \text{ min.}$ $= 1 \text{ hr } 15 \text{ min}$	$6:15 \text{ p.m.} \xrightarrow{+45 \text{ min}} 7 \text{ p.m.}$ $7 \text{ p.m.} \xrightarrow{2 \text{ hrs}} 9 \text{ p.m.}$ $9 \text{ p.m.} \xrightarrow{+40 \text{ min}} 9:40 \text{ p.m.}$ Total time = $2 \text{ hr} + (45 + 40) \text{ min.}$ $85 \text{ min} = 1 \text{ hr } 25 \text{ min}$ $\therefore 2 \text{ hr} + 1 \text{ hr} + 25 \text{ min.}$

3. What time will be 3 hours after:

$= 3 \text{ hr } 25 \text{ minutes}$

a. 6:15 p.m.	b. 12 noon	c. 12 midnight
$6:15 \text{ p.m.} \xrightarrow{+1 \text{ hr}} 7:15 \text{ p.m.}$ $7:15 \text{ p.m.} \xrightarrow{+1 \text{ hr}} 8:15 \text{ p.m.}$ $8:15 \text{ p.m.} \xrightarrow{+1 \text{ hr}} 9:15 \text{ p.m.}$	$12 \text{ Noon} \xrightarrow{+1 \text{ hr}} 1 \text{ p.m.}$ $1 \text{ p.m.} \xrightarrow{+1 \text{ hr}} 2 \text{ p.m.}$ $2 \text{ p.m.} \xrightarrow{+1 \text{ hr}} 3 \text{ p.m.}$	$12 \text{ midnight} \xrightarrow{+1 \text{ hr}} 1 \text{ a.m.}$ $1 \text{ a.m.} \xrightarrow{+1 \text{ hr}} 2 \text{ a.m.}$ $2 \text{ a.m.} \xrightarrow{+1 \text{ hr}} 3 \text{ a.m.}$
Ans.: 3 hours after 6:15 p.m. $= 9:15 \text{ p.m.}$	Ans. 3 hours after 12 noon $= 3 \text{ p.m.}$	Ans. 3 hours after 12 midnight $= 3 \text{ a.m.}$

4. Draw rectangle and show the line of symmetry it has.



Rectangle has 2 lines of symmetry

5. Write the time shown on each clock.



3:10



5:45



1:25

6. Draw minutes hand and hour hand on clock to show the given time.



8:25am



1:55pm



12:10am