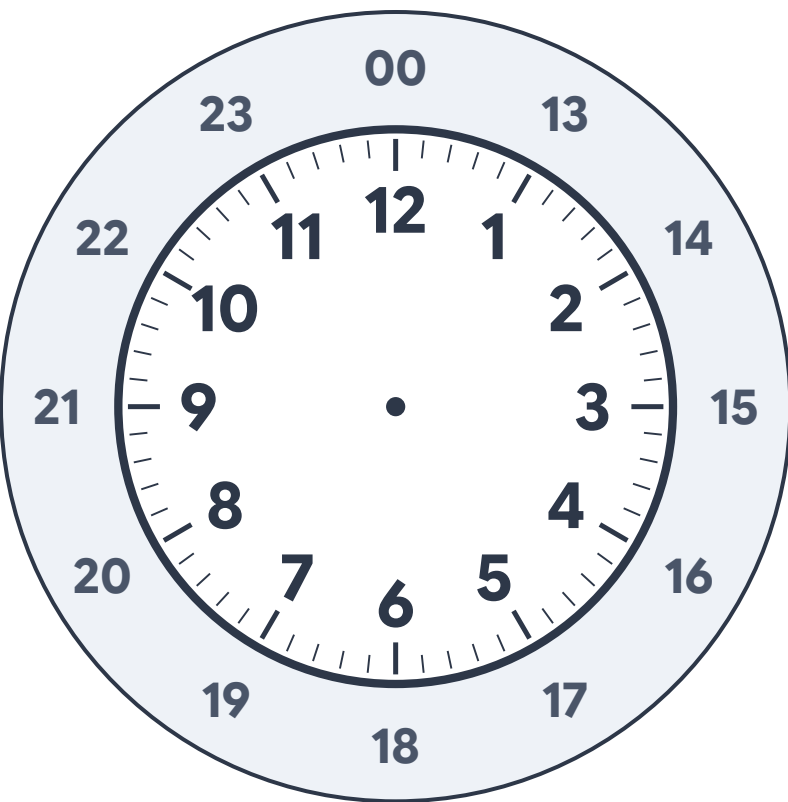


12-Hour and 24-Hour Time

The 24-hour clock. Finish the table.



A day has 24 hours.

a.m. hours stay the same:

9:15 a.m. is 09:15.

p.m. hours: add **12**. **3:40 p.m.** is **15:40**.

12 noon is 12:00.

12 midnight is 00:00.

The inside numbers are the a.m. hours, the outside numbers the p.m. hours.

12-hour	1:00 p.m.	2:00 p.m.	3:00 p.m.	4:00 p.m.	5:00 p.m.	
24-hour	13:00		15:00			18:00

12-hour	7:00 p.m.	8:00 p.m.		10:00 p.m.	11:00 p.m.	12:00 a.m.
24-hour	19:00		21:00		23:00	

12-Hour and 24-Hour Time

Write each time in 24-hour time.

a.m.: keep the hour, with a **0** in front of **1** to **9**. **7:20** a.m. is **07:20**.

p.m.: add **12** to the hour. **3:45** p.m. is **15:45**. Noon stays **12**; midnight is **00**.

1. **7:20** a.m. = _____

2. **3:45** p.m. = _____

3. **11:05** p.m. = _____

4. **12:30** p.m. = _____

5. **12:15** a.m. = _____

6. **9:00** a.m. = _____

7. **6:50** p.m. = _____

8. **1:10** p.m. = _____

9. **10:35** a.m. = _____

10. **8:25** p.m. = _____

11. **4:00** a.m. = _____

12. **5:40** p.m. = _____

13. **2:55** p.m. = _____

14. **11:55** a.m. = _____

15. **9:30** p.m. = _____

16. **12:00** a.m. = _____

12-Hour and 24-Hour Time

Write each time in 12-hour time with a.m. or p.m.

Hours **13** to **23**: take away **12** and write p.m. **19:45** is **7:45** p.m.

Hours **01** to **11** are a.m., **12** is p.m. (noon), **00** is **12** a.m. (midnight).

1. **14:30** = _____

2. **06:15** = _____

3. **19:45** = _____

4. **00:20** = _____

5. **12:05** = _____

6. **21:10** = _____

7. **08:40** = _____

8. **16:55** = _____

9. **23:30** = _____

10. **03:25** = _____

11. **13:00** = _____

12. **10:50** = _____

13. **18:05** = _____

14. **00:00** = _____

15. **15:35** = _____

16. **20:20** = _____

12-Hour and 24-Hour Time

Read each clock and its clue. Write the time both ways.



in the morning

12-hour: _____

24-hour: _____



in the afternoon

12-hour: _____

24-hour: _____



at night

12-hour: _____

24-hour: _____



just after midnight

12-hour: _____

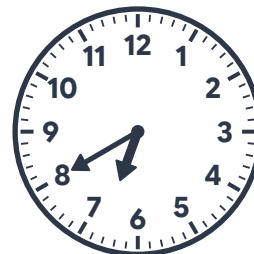
24-hour: _____



in the morning

12-hour: _____

24-hour: _____



in the evening

12-hour: _____

24-hour: _____



just after noon

12-hour: _____

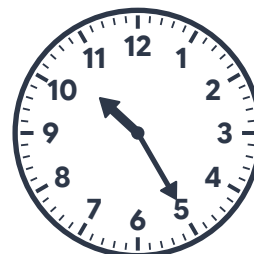
24-hour: _____



early in the morning

12-hour: _____

24-hour: _____



late at night

12-hour: _____

24-hour: _____

12-Hour and 24-Hour Time

Read the train timetable. Answer the questions.

Greenfield to Bayport Train

Station	Train 1	Train 2	Train 3	Train 4	Train 5
Greenfield	06:45	09:30	12:15	16:40	20:10
Oak Hill	07:20	10:05	12:50	17:15	20:45
River Town	08:05	10:50	13:35	18:00	21:30
Bayport	08:50	11:35	14:20	18:45	22:15

1. Train **3** leaves Greenfield at **12:15**. What is that in **12-hour** time? _____

2. What time does Train **4** reach Bayport, in **12-hour** time? _____

3. How long is the trip from Greenfield to Bayport? _____

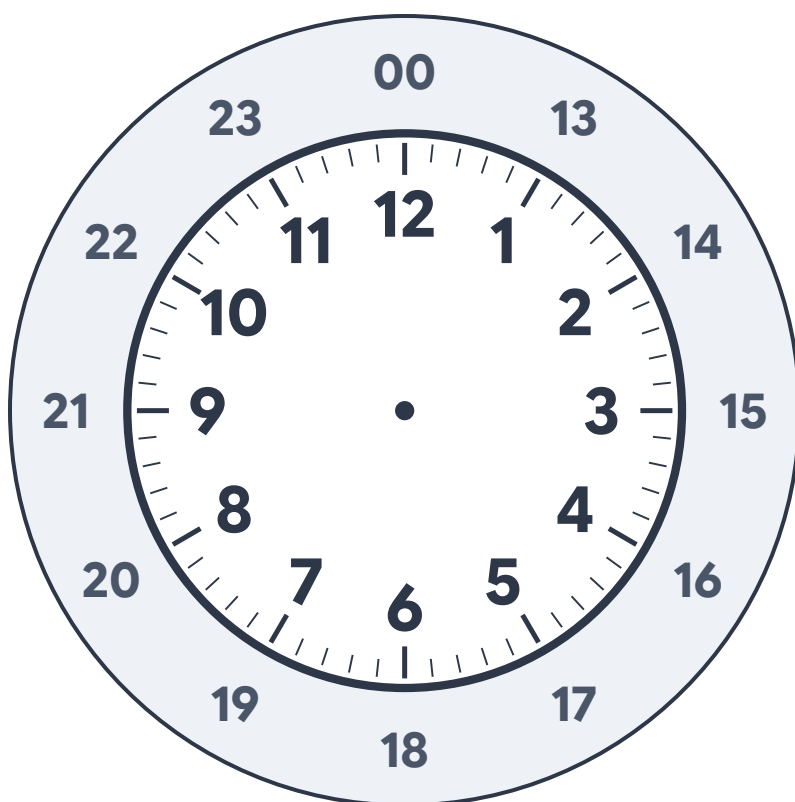
4. You must be in River Town by **2:00** p.m. What is the latest train you can take? _____

5. Which train leaves Oak Hill at **8:45** p.m.? _____

6. How many trains reach Bayport before noon? _____

12-Hour and 24-Hour Time

The 24-hour clock. Finish the table.



A day has 24 hours.

a.m. hours stay the same:

9:15 a.m. is **09:15**.

p.m. hours: add **12**. **3:40** p.m. is **15:40**.

12 noon is **12:00**.

12 midnight is **00:00**.

The inside numbers are the a.m. hours, the outside numbers the p.m. hours.

12-hour	1:00 p.m.	2:00 p.m.	3:00 p.m.	4:00 p.m.	5:00 p.m.	6:00 p.m.
24-hour	13:00	14:00	15:00	16:00	17:00	18:00

12-hour	7:00 p.m.	8:00 p.m.	9:00 p.m.	10:00 p.m.	11:00 p.m.	12:00 a.m.
24-hour	19:00	20:00	21:00	22:00	23:00	00:00

12-Hour and 24-Hour Time

Write each time in 24-hour time.

a.m.: keep the hour, with a **0** in front of **1** to **9**. **7:20** a.m. is **07:20**.

p.m.: add **12** to the hour. **3:45** p.m. is **15:45**. Noon stays **12**; midnight is **00**.

1. **7:20** a.m. = **07:20**

2. **3:45** p.m. = **15:45**

3. **11:05** p.m. = **23:05**

4. **12:30** p.m. = **12:30**

5. **12:15** a.m. = **00:15**

6. **9:00** a.m. = **09:00**

7. **6:50** p.m. = **18:50**

8. **1:10** p.m. = **13:10**

9. **10:35** a.m. = **10:35**

10. **8:25** p.m. = **20:25**

11. **4:00** a.m. = **04:00**

12. **5:40** p.m. = **17:40**

13. **2:55** p.m. = **14:55**

14. **11:55** a.m. = **11:55**

15. **9:30** p.m. = **21:30**

16. **12:00** a.m. = **00:00**

12-Hour and 24-Hour Time

Write each time in 12-hour time with a.m. or p.m.

Hours **13** to **23**: take away **12** and write p.m. **19:45** is **7:45** p.m.

Hours **01** to **11** are a.m., **12** is p.m. (noon), **00** is **12** a.m. (midnight).

1. **14:30** = **2:30** p.m.

2. **06:15** = **6:15** a.m.

3. **19:45** = **7:45** p.m.

4. **00:20** = **12:20** a.m.

5. **12:05** = **12:05** p.m.

6. **21:10** = **9:10** p.m.

7. **08:40** = **8:40** a.m.

8. **16:55** = **4:55** p.m.

9. **23:30** = **11:30** p.m.

10. **03:25** = **3:25** a.m.

11. **13:00** = **1:00** p.m.

12. **10:50** = **10:50** a.m.

13. **18:05** = **6:05** p.m.

14. **00:00** = **12:00** a.m.

15. **15:35** = **3:35** p.m.

16. **20:20** = **8:20** p.m.

12-Hour and 24-Hour Time

Read each clock and its clue. Write the time both ways.



in the morning

12-hour: 7:15 a.m.

24-hour: 07:15



in the afternoon

12-hour: 3:30 p.m.

24-hour: 15:30



at night

12-hour: 9:00 p.m.

24-hour: 21:00



just after midnight

12-hour: 12:45 a.m.

24-hour: 00:45



in the morning

12-hour: 11:20 a.m.

24-hour: 11:20



in the evening

12-hour: 6:40 p.m.

24-hour: 18:40



just after noon

12-hour: 12:10 p.m.

24-hour: 12:10



early in the morning

12-hour: 5:55 a.m.

24-hour: 05:55



late at night

12-hour: 10:25 p.m.

24-hour: 22:25

12-Hour and 24-Hour Time

Read the train timetable. Answer the questions.

Greenfield to Bayport Train

Station	Train 1	Train 2	Train 3	Train 4	Train 5
Greenfield	06:45	09:30	12:15	16:40	20:10
Oak Hill	07:20	10:05	12:50	17:15	20:45
River Town	08:05	10:50	13:35	18:00	21:30
Bayport	08:50	11:35	14:20	18:45	22:15

1. Train **3** leaves Greenfield at **12:15**. What is that in **12-hour** time?

12:15 p.m.

2. What time does Train **4** reach Bayport, in **12-hour** time?

6:45 p.m.

3. How long is the trip from Greenfield to Bayport?

2 h 5 min

4. You must be in River Town by **2:00** p.m. What is the latest train you can take?

Train 3

5. Which train leaves Oak Hill at **8:45** p.m.?

Train 5

6. How many trains reach Bayport before noon?

2