



YR3 PROGRESSION IN MASTERY LESSON PACK - 24 HOUR CLOCK

FLUENCY 1

To convert pm times from 12-hour to 24-hour times, we add _____ hours.

am	pm
0	
1	
2	
	15
4	
	17
6	
7	
8	
	21
10	
	23

Complete the table, showing the conversion of pm times from 12-hour to 24-hour times.

FLUENCY 2

Write the time on these clocks...

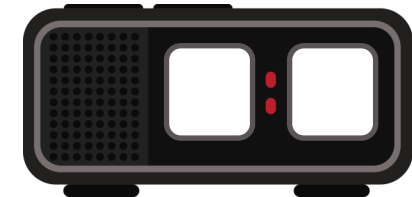


_____ past _____ in
the _____

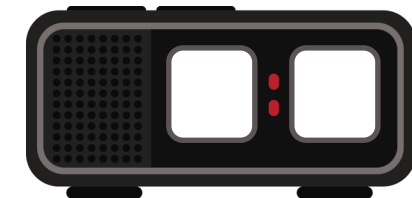


_____ to _____ in
the _____

quarter past ten in
the morning



twenty-five to six in
the evening

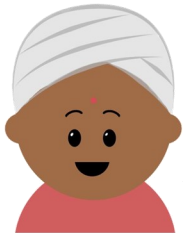




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REASONING 1

Prove it!

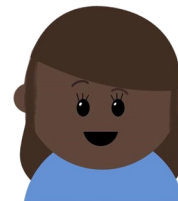


Five minutes past 4 in the afternoon is 16.05 on a digital 24-hour clock.

Can you draw anything to support your evidence?

REASONING 3

Anita says...

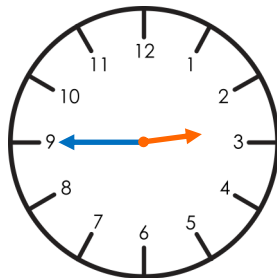


At midnight, the digital time is 24.00.

Is she correct? Explain why!

REASONING 2

Both of these clocks show the same time.



Is this Always, Sometimes or Never true?

REASONING 4

True or False?



In a day, the digit 3 appears more in the hours of 24-hour digital clocks than 12-hour digital clocks.

Explain your reasoning.





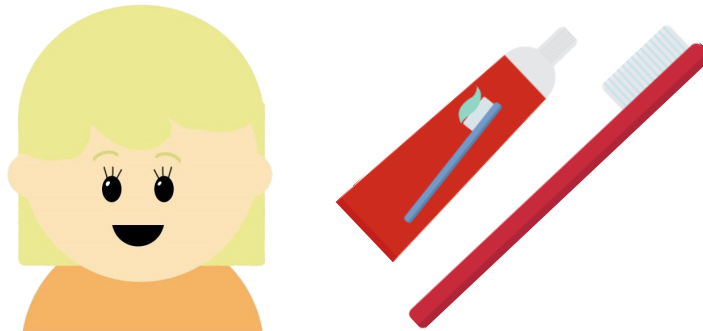
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PROBLEM SOLVING 1

On a twelve hour clock, Jane brushes her teeth at the same time in the morning as the evening.

She always brushes her teeth at a quarter past / quarter to time.

She always wakes up at half past seven and goes to bed no later than ten to ten.



Show all of the possible times Jane brushes her teeth on 24-hour clocks.

