

Time Intervals

Exercise 1

Change the following from 12 hour time to 24 hour time

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|--------------|--------------|-------------|
| 1) 2.00 pm | 2) 5.00 pm | 3) 4.30 pm |
| 4) 7.00 am | 5) 11.00 am | 6) 4.15 am |
| 7) 3.42 pm | 8) 5.16 am | 9) 11.27 pm |
| 10) 12.00 pm | 11) 12.00 am | 12) 9.35 am |

Exercise 2

Change the following from 24 hour time to 12 hour time

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|----------|----------|----------|
| 1) 1500 | 2) 0500 | 3) 1830 |
| 4) 0840 | 5) 0620 | 6) 1455 |
| 7) 1341 | 8) 1937 | 9) 2121 |
| 10) 1200 | 11) 0000 | 12) 1719 |

Exercise 3

Work out how much time in **hours and minutes** there are between these times. (eg 10.00 am to 11.30 am = 1hour 30mins)

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|------------------------|------------------------|
| 1) 9.00 am to 11.00 am | 2) 7.30 pm to 10.30 pm |
| 3) 12 noon to 7.00 pm | 4) 10.00 am to 4.00 pm |
| 5) 3.30 pm to 5.00 pm | 6) 12.30 am to 6.00 am |
| 7) 2.15 pm to 4.00 pm | 8) 5.15 pm to 6.30 pm |
| 9) 6.45 am to 8.15 am | 10) 4.30 pm to 9.15 pm |
| 11) 1630 to 2130 | 12) 0830 to 1930 |
| 13) 2030 to 2345 | 14) 0915 to 2345 |

Exercise 4

Work out how much time in **hours and minutes** there are between these times. (eg 7.10 am to 11.55 am = 4 hours 45 mins)

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|--------------------------|------------------------|
| 1) 9.10 am to 11.40 am | 2) 7.40 pm to 10.50 pm |
| 3) 12.20 noon to 7.50 pm | 4) 10.10 am to 4.40 pm |
| 5) 3.15 pm to 5.40 pm | 6) 12.05 am to 6.35 am |
| 7) 2.35 pm to 4.10 pm | 8) 5.30 pm to 6.55 am |
| 9) 6.12 am to 3.24 pm | 10) 4.24 pm to 9.12 am |
| 11) 1655 to 2125 | 12) 0845 to 1935 |
| 13) 0900 to 1107 | 14) 2011 to 0108 |

Exercise 5

Work out how much time in **hours** there are between these times.

eg 9.00 am to 11.15 am
= 2hours 15mins
= 2hours + (15 ÷ 60)
= 2hours + 0.25hours
= 2.25hours

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|---------------------------|------------------------|
| 1) a) 8.00 am to 11.00 am | b) 8.30 pm to 10.30 pm |
| c) 1.00 pm to 7.15 pm | d) 11.00 am to 4.30 pm |
| e) 3.15 pm to 7.30 pm | f) 1.30 am to 7.00 am |
| g) 2.15 pm to 9.30 pm | h) 3.15 am to 10.45 am |
| j) 2.15 pm to 4.00 pm | k) 5.30 pm to 9.15 pm |
| l) 0815 to 1130 | m) 2030 to 2345 |
| n) 0645 to 0815 | p) 1630 to 2115 |

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|---------------------------------|-------------------------------|
| a) 9.10 am to 11.40 am | b) 7.40 pm to 10.50 pm |
| c) 12.20 noon to 7.50 pm | d) 10.10 am to 4.46 pm |
| e) 3.15 pm to 5.51 pm | f) 12.06 am to 6.42 am |
| g) 2.35 pm to 4.41 pm | h) 5.30 pm to 6.54 am |
| j) 6.12 am to 3.24 pm | k) 4.24 pm to 9.12 am |
| l) 1655 to 2125 | m) 0840 to 1928 |
| n) 0906 to 1112 | p) 2012 to 0106 |