



## MNU 2-10c

## Homework 5

## Gold Level



### Outcome 1 - Simple Time Intervals

Calculate how long is it from...

- |                       |                      |
|-----------------------|----------------------|
| 1 8:40 am to 11:40 am | 2 2:20 pm to 9:20 pm |
| 3 1:50 pm to 10:50 pm | 4 3:30 am to 8:30 pm |
| 5 9:25 pm to 11:25 pm | 6 1245 to 2145       |
| 7 0855 to 1055        | 8 1615 to 2215       |
| 9 0240 to 0940        | 10 2035 to 0035      |

### Outcome 3 - Calculating Speed

Calculate the following speeds...

- |   |  |
|---|--|
| 1 D = 24 miles<br>T = 6 hours S = ?     | 2 D = 64 kilometres<br>T = 8 hours S = ? |
| 3 D = 90 metres<br>T = 10 seconds S = ? | 4 D = 36 kilometres<br>T = 9 hours S = ? |
| 5 D = 49 miles<br>T = 7 hours S = ?     | 6 T = 5 hours<br>D = 40 miles S = ?      |
| 7 D = 22 metres<br>T = 11 seconds S = ? | 8 T = 9 hours<br>D = 81 miles S = ?      |
| 9 D = 56 miles<br>T = 8 hours S = ?     | 10 T = 11 hours<br>D = 132 miles S = ?   |

### Outcome 2 - Calculating Distance

Calculate the following distances...

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| 1 S = 5 m.p.h.<br>T = 6 hours D = ?   | 2 S = 8 km/hr<br>T = 3 hours D = ?    |
| 3 S = 10 m/sec<br>T = 4 seconds D = ? | 4 S = 9 km/hr<br>T = 6 hours D = ?    |
| 5 S = 7 m.p.h.<br>T = 2 hours D = ?   | 6 S = 11 m.p.h.<br>T = 9 hours D = ?  |
| 7 S = 8 m/sec<br>T = 7 seconds D = ?  | 8 S = 6 m.p.h.<br>T = 3 hours D = ?   |
| 9 S = 11 m.p.h.<br>T = 10 hours D = ? | 10 S = 12 km/hr<br>T = 12 hours D = ? |

### Outcome 4 - Calculating Time

Calculate the following times...

- |                                       |  |
|---------------------------------------|--|
| 1 D = 14 miles<br>S = 2 m.p.h. T = ?  | 2 D = 32 kilometres<br>S = 8 km/hr T = ? |
| 3 D = 60 metres<br>S = 6 m/sec T = ?  | 4 D = 42 kilometres<br>S = 7 km/hr T = ? |
| 5 D = 30 miles<br>S = 5 m.p.h. T = ?  | 6 S = 11 m.p.h.<br>D = 55 miles T = ?    |
| 7 D = 63 metres<br>S = 9 m/sec T = ?  | 8 S = 4 m.p.h.<br>D = 16 miles T = ?     |
| 9 D = 25 miles<br>S = 25 m.p.h. T = ? | 10 S = 9 m.p.h.<br>D = 108 miles T = ?   |