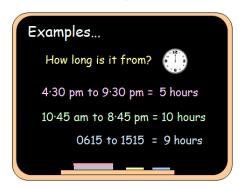
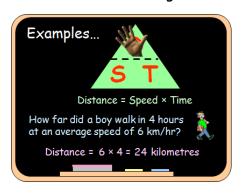
Calculating Distance, Speed and Time



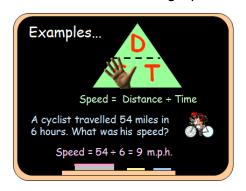
Outcome 1 - Simple Time Intervals



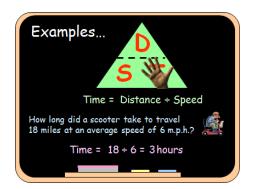
Outcome 2 - Calculating Distance



Outcome 3 - Calculating Speed



Outcome 4 - Calculating Time



Questions...

Calculate how long is it from...

1	8·40 am to 11·40 am	2	6·20 pm to 9·20 pm
3	1.50 pm to 10.50 pm	4	2·30 am to 5·30 pm
5	4·25 am to 1·25 pm	\$	1845 to 2245
7	0755 to 0855	8	1315 to 1715
9	0440 to 1640	10	2235 to 0035

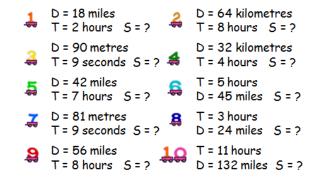
Questions...

Calculate the following distances...

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

Questions...

Calculate the following speeds...



Questions...

Calculate the following times...

```
D = 14 miles
                           D = 36 kilometres
S=7 m.p.h. T=?
                           S = 6 \text{ km/hr} T = ?
D = 20 metres
                           D = 48 kilometres
S=5 \text{ m/sec } T=? \iff S=8 \text{ km/hr } T=?
D = 55 miles
                           5 = 3 \text{ m.p.h.}
S = 11 m.p.h. T = ?
                           D = 21 miles T = ?
                         S = 5 m.p.h.
D = 54 metres
S = 6 \text{ m/sec} T = ?
                           D = 25 miles T = ?
D = 72 \text{ miles}
                           S = 12 m.p.h.
S = 9 m.p.h. T = ?
                           D = 108 miles T = ?
```

Outcome 1 Answers

1.	3 hours	2.	3 hours
3.	9 hours	4.	15 hours
5.	9 hours	6.	4 hours
7.	1 hour	8.	4 hours

9. 12 hours 10. 2 hours

Outcome 2 Answers

1.	16 miles	2.	36 kilometres
3.	70 metres	4.	30 kilometres
5.	21 miles	6.	55 miles
7 .	72 metres	8.	49 miles
9.	72 miles	10.	144 kilometres

Outcome 3 Answers

1.	9 m.p.h.	2.	8 km/hr
3.	10 m/sec	4.	8 km/hr
5.	6 m.p.h.	6.	9 m.p.h.
7.	9 m/sec	8.	8 m.p.h.
9.	7 m.p.h.	10.	12 m.p.h.

Outcome 4 Answers

1.	2 hours	2.	6 hours
3.	4 seconds	4.	6 hours
5.	5 hours	6.	7 hours
7.	9 seconds	8.	5 hours
9.	8 hours	10.	9 hours