

## Dist Speed Time 3 Answers

1)	(a) 156  (b) 12	4  1ft	M1 intention to find area under graph B2 completely correct area statement or B1 two areas found correctly (or one trapezium area)  Their (a)/13
2)	35	2	M1 for $4 \times 8 + 3$ or $4 \times 8\frac{3}{4}$  or $4 \times 8\frac{1}{2} + 1$ or $\frac{525}{15}$ or $\frac{510}{15} + 1$  SC1 for answer 34
3)	11.3	3	M2 $22 \times 1.852 \times 1000/3600$ oe or M1 $22 \times \text{figs } 1852$ or $22 \times 1000/3600$
4)	80 www	4	M1 attempting area under the graph M1 large or small car area found correctly Dep M1 correct final area statement
5)	(a) $0.133$ (3...) or $\frac{2}{15}$  (b) $33\frac{1}{3}$ or 33.3	2  3	M1 for $40 \div 300$ seen  M1 for area under graph attempted M1 for correct total area statement
6)	180 www	3	M1 $\frac{1}{2} \times 60 \times 14$ oe M1 their $420 - 4 \times 60$
7)	(a) 3  (b) 637.5	1  3	  M1 finding area under graph M1dep all correct area statements
8)	(a) 0.625 or $\frac{5}{8}$  (b) 62	1  3	  M1 for area under graph implied M1 for correct, complete, area statement