Speed = Distance/Time

100

Name:

Calculate the speed of a vehicle if:

Clearly state the units of your answers

a) It travels 40 metres in 5 seconds

d) It travels 90 metres in 15 seconds

b) It travels 32km in 4 hours

e) It travels 5 km in 30 minutes

c) It travels 81 miles in 9 hours

f) It travels 3 km in 45 minutes

Calculate the distance travelled if a vehicle:

g) Travels at 40 mph for 8 hours

j) Travels at 20 m/s for 4.5 hours

h) Travels at 30 km/h for 6 hours

k) Travels at 45 km/h for 20 minutes

i) Travels at 9 m/s for 13 seconds

l) Travels at 28 mph for 2 hours 45 minutes

Calculate the time a vehicle takes to travel:

m) 48 kilometres, going at 6 km/h

p) 500 metres, going at 2 km/h

n) 100 kilometres, going at 40 km/h

q) 76 metres, going at 4 m/s

o) 360 metres, going at 15 m/s

r) 1.6 kilometres, going at 4 km/h

Exam question:

A cruise ship travels at a speed 19 knots which is approximately 35 km/hour.
Using the approximation given, calculate the time the cruise ship will take
to travel from Southampton to New York which is 5500 km in distance?
Give your answer to the nearest hour.