**Speed, Distance and Time GREEN**

1) A train travels 24 miles in 30 minutes. Calculate its average speed.

\_\_\_\_\_\_ mph

2) An aeroplane completes a flight of 3600 mile at an average speed of 540 miles/hr. Calculate the time taken for the journey in hours and minutes

\_\_\_\_\_\_ hours \_\_\_\_\_\_ minutes

3) A motor cyclist completes a journey at an average speed of 65 mph in 3½ hours. Calculate the distance travelled.

\_\_\_\_\_\_ miles

4) A runner ran a 400 m race in 1 min 35 sec. Calculate his average speed in m/sec.

\_\_\_\_\_\_ m/sec

5) A train travels 380 miles in 5 hour 15 minutes. Calculate its average speed.

\_\_\_\_\_\_ mph

6) A car completes a journey of 570 km at an average speed of 75 km/hr. Calculate the time taken for the journey in hours and minutes.

\_\_\_\_\_\_ hours \_\_\_\_\_\_ minutes

7) A cyclist completes a race at an average speed of 24 mph in 1 hour 15 minutes. Calculate the distance travelled.

\_\_\_\_\_\_ miles

8) A runner ran a 600 m race in 2 min 17 seconds. Calculate his average speed in m/sec.

\_\_\_\_\_\_ m/sec

**Speed, Distance and Time AMBER**

1) A train travels 24 miles in 30 minutes. Calculate its average speed.

S = D ÷ T

\_\_\_\_\_\_ mph

2) An aeroplane completes a flight of 3600 mile at an average speed of 540 miles/hr. Calculate the time taken for the journey in hours and minutes

T = D ÷ S

\_\_\_\_\_\_ hours \_\_\_\_\_\_ minutes

3) A motor cyclist completes a journey at an average speed of 65 mph in 3½ hours. Calculate the distance travelled.

D = S x T

\_\_\_\_\_\_ miles

4) A runner ran a 400 m race in 1 min 35 sec. Calculate his average speed in m/sec.

S = D ÷ T

\_\_\_\_\_\_ m/sec

5) A train travels 380 miles in 5 hour 15 minutes. Calculate its average speed.

S = D ÷ T

\_\_\_\_\_\_ mph

6) A car completes a journey of 570 km at an average speed of 75 km/hr. Calculate the time taken for the journey in hours and minutes.

T = D ÷ S

\_\_\_\_\_\_ hours \_\_\_\_\_\_ minutes

7) A cyclist completes a race at an average speed of 24 mph in 1 hour 15 minutes. Calculate the distance travelled.

D = S x T

\_\_\_\_\_\_ miles

8) A runner ran a 600 m race in 2 min 17 seconds. Calculate his average speed in m/sec.

S = D ÷ T

\_\_\_\_\_\_ m/sec

**Speed, Distance and Time RED**

1) A train travels 24 miles in 30 minutes. Calculate its average speed.

S = 24 ÷ 0.5 =

S = D ÷ T

\_\_\_\_\_\_ mph

2) An aeroplane completes a flight of 3600 mile at an average speed of 540 miles/hr. Calculate the time taken for the journey in hours and minutes

T = 3600 ÷ 540 =

T = D ÷ S

\_\_\_\_\_\_ hours \_\_\_\_\_\_ minutes

3) A motor cyclist completes a journey at an average speed of 65 mph in 3½ hours. Calculate the distance travelled.

D = 65 x 3.5 =

D = S x T

\_\_\_\_\_\_ miles

4) A runner ran a 400 m race in 1 min 35 sec. Calculate his average speed in m/sec.

S = D ÷ T

\_\_\_\_\_\_ m/sec

5) A train travels 380 miles in 5 hour 15 minutes. Calculate its average speed.

S = D ÷ T

\_\_\_\_\_\_ mph

6) A car completes a journey of 570 km at an average speed of 75 km/hr. Calculate the time taken for the journey in hours and minutes.

T = D ÷ S

\_\_\_\_\_\_ hours \_\_\_\_\_\_ minutes

7) A cyclist completes a race at an average speed of 24 mph in 1 hour 15 minutes. Calculate the distance travelled.

D = S x T

\_\_\_\_\_\_ miles

8) A runner ran a 600 m race in 2 min 17 seconds. Calculate his average speed in m/sec.

S = D ÷ T

\_\_\_\_\_\_ m/sec