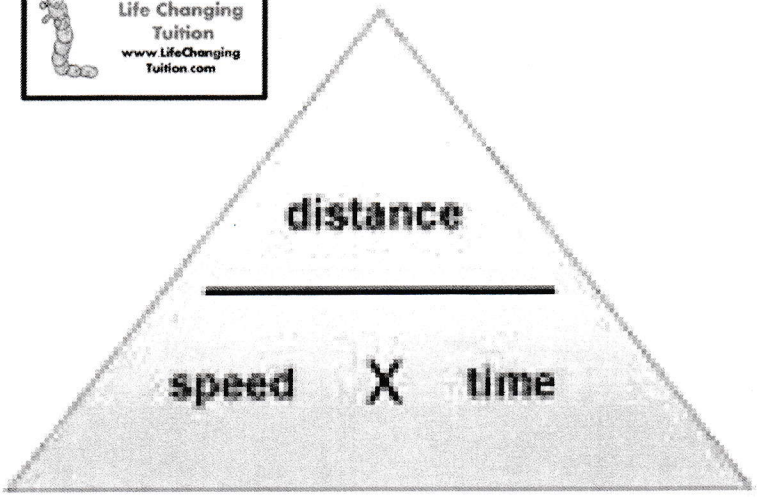
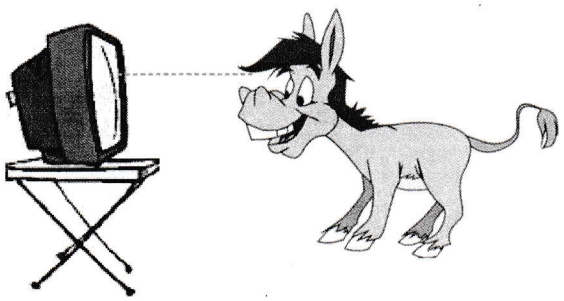
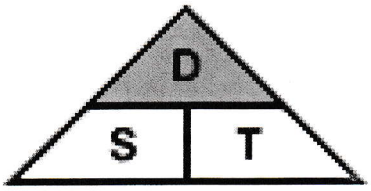
Distance, Speed and Time (1)



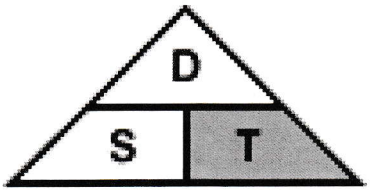


Donkey **S**ees **T**v

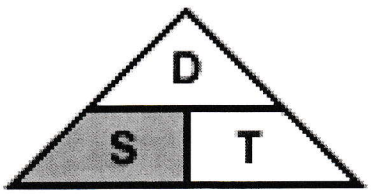
Fill in the boxes below using the triangle above



Distance = Speed x Time



Time= $\frac{\text{Distance}}{\text{Speed}}$



Speed= $\frac{\text{Distance}}{\text{Time}}$

Distance, Speed and Time (2)

1 a. A car drives 324 km in 3 hours. What is its average speed in kilometers per hour?

$$\text{Speed} = \frac{\text{Distance}}{\text{Time}}$$

$$\frac{324}{3} = 108 \text{ kmph}$$

2 a. An airplane flies with a constant speed of 720 km/h. How far can it travel in 4 hours?

$$\text{Distance} = \text{Speed} \times \text{Time}$$

$$720 \times 4 = 2{,}880 \text{ km}$$

3 a. John rides his bike with a constant speed of 18 km/h. How far can he travel in 1/2 hour?

$$\text{Distance} = \text{Speed} \times \text{Time}$$

$$18 \times 1/2 = 9 \text{ km}$$

Distance, Speed and Time (3)

1 b. Cindy rides her horse 12 miles in 1 1/2 hours. What is her average speed in miles per hour?

$$\text{Speed} = \frac{\text{Distance}}{\text{Time}}$$

$$\frac{12}{1\frac{1}{2}} = 8 \text{ kmph}$$

2 b. An airplane flies with a constant speed of 800 miles per hour. How long will it take to travel a distance of 1200 miles?

$$\text{Time} = \frac{\text{Distance}}{\text{speed}}$$

$$\frac{1200}{800} = 1.5 \text{ hrs}$$

3 b. Sarah roller skates with a constant speed of 10 miles per hour. How far can she travel in 4 hours?

$$\text{Distance} = \text{Speed} \times \text{Time}$$

$$10 \times 4 = 40 \text{ miles}$$