

RTD Problems!!! Rate x Time = Distance

1. Fred walked at 2 miles per hour. He walked for 6 hours. How far did he walk?

$$r = 2 \text{ mph}$$

$$T = 6 \text{ hrs}$$

$$2 \times 6 = 12 \text{ miles}$$

* Fred walked 12 miles.

2. It is 9 miles to Food 4 Less. Mickey can ride her bike there in 1.5 hours. How fast is she riding her bike?

$$D = 9 \text{ miles}$$

$$T = 1.5 \text{ hrs}$$

$$R = ?$$

$$R \times 1.5 = 9$$

$$\frac{R \times 1.5}{1.5} = \frac{9}{1.5}$$

$$R = 6 \text{ miles per hrs.}$$

- Mickey was riding her bike 6mph.

3. In an hour and a half, a zebra ran 42 miles. How fast did he run?

$$R \times T = D$$

$$1.5 \quad 42 \text{ miles}$$

$$\frac{R \times (1.5)}{1.5} = \frac{42}{1.5}$$

$$R = 28 \text{ mph}$$

- The zebra can run 28 mph.