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$$F = \frac{mv^2}{r}$$
$$= (1500)$$

$$1 \text{ N} = 1 \text{ kgms}^{-2}$$

b/

$$F = \frac{mv^2}{r}$$
$$= \frac{(1200)(25)^2}{250}$$
$$= \underline{3000\text{N}}$$

$$90\text{km/h} = 90000\text{m/h}$$
$$= 25\text{m/s}$$