Evaluate 2 of 6 by 4+5=
2R. Then the value of R=?

$$\frac{2(6)}{4+5} = 2R \qquad \frac{12^4}{9_3} = 2R$$

$$\frac{4}{3} = 2R \qquad \frac{4}{3\times2} = R$$

$$\frac{4^2}{6_3} = R$$

$$\boxed{R = \frac{2}{3}}$$

Write the final answer in the form of statement

The length of a rectangular hall is 5m more than its breadth. The area of the hall is 750 sq.m. Length of hall is?

Area = L × B

$$750 = x(x+5)$$
$$750 = x^2 + 5x$$
$$x^2 + 5x - 750 = 0 \rightarrow ①$$
$$(x+30)(x-25) = 0$$

$$x = 25 \qquad x = -30$$

as breadth can't be negative

so $\boxed{x = 25}$

12 people at a party shake hands once with everyone else in room. How many handshakes took place?

→ 12 people handshaking with 11 others.

so $12 \times 11 = 132$

(twice (once for each)

→ $\frac{132}{2}$

$= 66$