

$$a(x+y)$$

$$ax + ay$$

$$a(3+4)$$
$$a \cdot 3 + a \cdot 4$$
$$6 + 8 = 14$$

$$= 14$$

$$a(x+4)$$

$$ax + 8 = 14$$

$$ax + 8 - 8 = 14 - 8$$

$$ax = 6$$

$$\frac{ax}{a} = \frac{6}{a}$$
$$x = 3 \frac{6}{a}$$