3.

$3x$ $3 \times 5 = 15$	x^2 $5 \times 5 = 25$	$2x - 5$ $2 \times 5 = 10$ $10 - 5 = 5$
$4x + 2$ $4 \times 5 = 20$ $20 + 2 = 22$	$\frac{x}{2}$ $5 \div 2 = 2.5$	$2(x+1)$ $5 + 1 = 6$ $6 \times 2 = 12$
$7x$ $7 \times 5 = 35$	$x + 9$ $5 + 9 = 14$	$x - 7$ $5 - 7 = -2$

4. a) $a = 10 \quad b = 6.$

$a + b = 10 + 6 = 16$

b) $a - b = 10 - 6 = 4$

c) $2a = 2 \times 10 = 20$

d) $2a + b \rightarrow 2 \times 10 = 20 \rightarrow 20 + 6 = 26$

e) $3a - 17 \rightarrow 3 \times 10 = 30 \rightarrow 30 - 17 = 13$

f) $2(a - b) \rightarrow a - b = 10 - 6 = 4 \rightarrow 2 \times 4 = 8.$

5. $\frac{4}{5} = 0.8 \qquad 2k = 2 \times 0.1 = 0.2$

$0.8 + 0.2 = 1$

7. $m = 7$ $n = 5$

a) $2m$ (>) 10

$2 \times m = 2 \times 7 = 14$

b) $n - 1$ (<) 5

$5 - 1 = 4$

c) $2n + m$ (<) $2m + n$

$2n = 10$ $2m = 14$

$10 + 7 = 17$ $14 + 5 = 19$

d) $7n$ (=) $5m$

$7 \times 5 = 35$ $5 \times 7 = 35$

8. $5a = 5 \times 10 = 50$

$a + 5 = 10 + 5 = 15$

$\frac{a}{5} = 10 \div 5 = 2$

$a^2 = 10 \times 10 = 100$