

4.1

Q9. Check ... or not:

(a) $n + 5 = 19$ ($n = 1$)

$1 + 5 \neq 19$

$6 \neq 19$ Not

(b) $7n + 5 = 19$ ($n = -2$)

$7(-2) + 5 = 19$

$-14 + 5 = 19$

$-9 \neq 19$ Not

(c) $7n + 5 = 19$ ($n = 2$)

$7 \times 2 + 5 = 19$

$= 14 + 5 = 19$

$19 = 19$ Yes

(d) $4p - 3 = 13$ ($p = 1$)

$4(1) - 3 = 13$

$4 - 3 = 13$

$1 \neq 13$ Not

(e) H. ul. (f) H. ul.

Q3 Solve the ~~for~~ ----- trial and error method

$$(1) \quad 5p + 2 = 17$$

$$5p = 17 - 2$$

$$5p = 15$$

$$p = \frac{15}{5}$$

$$p = 3$$

$$(ii) \quad 3m - 14 = 4$$

$$3m = 4 + 14$$

$$3m = 18$$

$$m = \frac{18}{3}$$

$$m = 6$$

(4) Write ----- statements

$$(i) \quad x + 4 = 9 \quad (ii) \quad y - 2 = 8$$

$$(iii) \quad 10a = 70 \quad (iv) \quad \frac{b}{5} = 6$$

$$(v) \quad \frac{3}{4}z = 15 \quad (vi) \quad 7m + 7 = 77$$

$$(vii) \quad \frac{1}{4}x - 4 = 4 \quad (viii) \quad 6y - 6 = 60$$

$$(ix) \quad \frac{1}{3}z + 3 = 30$$