

$$6. \quad 3x - 4 = 2x + 1$$

$$\Rightarrow 3x - 2x = 1 + 4$$

$$\Rightarrow x = 5 \quad (c)$$

$$12. \quad -\frac{4}{3}y = -\frac{3}{4}$$

$$\Rightarrow y = -\frac{3}{4} \times -\frac{3}{4}$$

$$= \frac{9}{16}$$

$$= \left(\frac{3}{4}\right)^2 \quad (c)$$

7. (a) positive

8. (c)

only 1 var. with
power 1

13. digit at units
place = b
digit at tens
place = $b + 3$

9. (d) $1 + z$

10. (a) only 1 sol.

\therefore number
 $= 10(b + 3) + b$
 $= 10b + 30 + b$
 $= 11b + 30$

$$11. \quad \frac{1}{3} + s = \frac{2}{5}$$

$$(\times 15)$$

$$\frac{15}{3} + 15s = \frac{2}{5} \times 15$$

$$15s = 6 - 5$$

$$\Rightarrow s = \frac{1}{15} \quad (b)$$