# Algebra

## Solving equations

Solve the following:

1. $5x + 8 = 28$

$x =$

2. $8x - 3 = 61$

$x =$

3. $7x + 8 = 36$

$x =$

4. $12x - 15 = 45$

$x =$

5. $9x - 8 = 46$

$x =$

6. $9x + 4 = 22$

$x =$

7. $4x + 7 = 19$

$x =$

8. $19x - 16 = 22$

$x =$

9. $-4x + 2 = -18$

$x =$

10. $4p - 8 = 12$

$p =$

11. $3d + 6 = 18$

$d =$

12. $3h - 5 = 19$

$h =$

Use the following words to identify parts of the equation **$3x + 5 = 24$**

expression coefficient terms equation variable constants

(a) 3

(b) x

© 5 and 24

(d) $3x + 5$

(e) $3x + 5 = 24$