

Equations with grouping symbols 2A

You will need to use working paper when you answer these questions.

1

Solve these equations.

A

$$5(m + 2) = 45 \quad m = \underline{\hspace{2cm}}$$

B

$$3(x - 2) = 24 \quad x = \underline{\hspace{2cm}}$$

C

$$2(a + 1) = -8 \quad a = \underline{\hspace{2cm}}$$

D

$$3(y - 2) = -12 \quad y = \underline{\hspace{2cm}}$$

E

$$4(k - 1) = -20 \quad k = \underline{\hspace{2cm}}$$

F

$$6(a + 2) = 6 \quad a = \underline{\hspace{2cm}}$$

2

Solve these equations.

Leave your answers as fractions.

A

$$3(m + 2) = 7 \quad m = \underline{\hspace{2cm}}$$

B

$$5(y + 4) = 28 \quad y = \underline{\hspace{2cm}}$$

C

$$2(n - 3) = 3 \quad n = \underline{\hspace{2cm}}$$

D

$$7(k - 4) = 12 \quad k = \underline{\hspace{2cm}}$$

E

$$3(a + 7) = -8 \quad a = \underline{\hspace{2cm}}$$

F

$$8(x - 3) = -6 \quad x = \underline{\hspace{2cm}}$$



How much can you do???

1) $3n + 4 = 19$	2) $4n + 5 = 13$	3) $4n - 3 = 25$
4) $2n + 6 = 18$	5) $3n - 2 = 16$	6) $5n + 4 = 34$
7) $3n + 7 = 19$	8) $5n - 6 = 14$	9) $3n - 3 = 21$
10) $3n + 2 = 17$	11) $4n + 6 = 14$	12) $6n + 5 = 41$
13) $5n - 3 = 7$	14) $3n - 4 = 11$	15) $7n + 3 = 24$
16) $6n + 5 = 35$	17) $9n + 1 = 100$	18) $3n - 5 = 10$