

Worksheet

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Problem quickname: 8231

1)

Transform this term into a product. Do this by performing factorisation as shown in example a).

- a) $40b + 16c + 40e = 8(5b + 2c + 5e)$ b) $8ab + 32a =$ _____
c) $14x + 28y + 21z =$ _____ d) $40a + 16b =$ _____
e) $10v + 38x =$ _____ f) $49w + 35x + 42y =$ _____
g) $12w + 27x + 15z =$ _____ h) $2y + 26 =$ _____
i) $39a + 12d =$ _____ j) $6z + 24 =$ _____

2)

Transform this term into a product. Do this by performing factorisation as shown in example a).

- a) $10x + 50 = 10(x + 5)$ b) $5y + 45$ c) $4vx + 24v$ d) $2d + 46$
e) $5wx + 35x$ f) $4cd + 12c$ g) $4wx + 48w$ h) $3x + 18$
i) $10xy + 40y$ j) $5be + 10e$

3)

Transform this term into a product. Do this by performing factorisation as shown in example a).

- a) $7b + 28d = 7(b + 4d)$ b) $16c + 6d$ c) $6a + 36$ d) $24b + 8d$
e) $40b + 35e$ f) $5w + 45$ g) $45b + 20d$ h) $3c + 18$ i) $36v + 26w$
j) $16x + 40y$

4)

Transform this term into a product. Do this by performing factorisation.

- a) $50a + 5c + 35d =$ _____ b) $9w + 9x =$ _____
c) $50b + 30c =$ _____ d) $36v + 9x + 9y =$ _____
e) $24w + 30x =$ _____ f) $40v + 5w + 5z =$ _____
g) $15a + 5d =$ _____ h) $27b + 9e =$ _____
i) $44v + 16w + 44y =$ _____ j) $32w + 42z =$ _____

Good Luck!