Collecting like terms 1

Simplify by collecting like terms

|  |  |
| --- | --- |
| a + a + a + a + a = | 7x + 3x = |
| a + b + a + b + a = | a + b + 1 + b + a + 1 = |
| a + b + a + b + a – b = | x + y + 2 + x + y = |
| 2a + 3a = | g + 1 + 2h + 2g + 3 = |
| 4b + 6b = | 8f + 3g + 2f + 7g = |

Now ask the teacher to check your work

Collecting like terms 2

Simplify by collecting like terms

|  |  |
| --- | --- |
| 3a + 4a + 2a = | 1 + b + b + 1 = |
| 4a + a = | 3a + 1 + a = |
| 7a + 1 + 3a + 2 = | 1 + 3a + b + a = |
| 4a + 5 + 2a + 1 = | 2a + b + 3a + 63 = |
| a + 1 + a + 1 = | 7p + q – 2p + q = |

Now ask the teacher to check your work

Collecting like terms 3

Simplify by collecting like terms

|  |  |
| --- | --- |
| 4a – 2a = | 5a + 2b – a + 2b = |
| 4a – a = | 5a + 3b – a – 2b =  |
| 4a – 3a = | 10a – 5a – 5a = |
| 4a – 4a = | 2a + 2b – 2a – 2b = |
| 5a + 2b – 2a + 3b =  | - 2a – 3a = |

Now ask the teacher to check your work

Collecting like terms 4

Simplify by collecting like terms

|  |  |
| --- | --- |
| - 3a – 5a = | - 3a – 5a – 3b – 2b = |
| - 2a – a = | - 3a – 3b – 6a – 5b = |
| - 2a + 3 – 4a + 2 = | - 6a + 1 – 4a = |
| - 10a – 3a = | - 4b + c – 3b = |
| 3b – 2a + b – 4a = | - 7b – c – 5b = |

Now ask the teacher to check your work

Collecting like terms 5

Simplify by collecting like terms

|  |  |
| --- | --- |
| -5a + 2a = | 6p – 7p = |
| -7b + 3b = | -3a + b + a – 2b = |
| -8c + 3c = | -3d + e + d – e = |
| 2a – 5a = | 7f – 5d – 8f + 10d = |
| 2m – 3m = | 5h – n – 6h + n = |

Now ask the teacher to check your work

Collecting like terms 6

Simplify by collecting like terms

|  |  |
| --- | --- |
| 2ab + 5ab = | 2ab + 3bc + ab = |
| 2ab + 3a + 4ab + 2a = | 2abc + abc = |
| 3ab + 5a + 2ab = | abcd + abcd =  |
| 5bc + 3b – bc + b =  | ab + bc + cd + ab + cd = |
| 3bc – 3a – 2bc – 2a = | 3ab + 3 – ab + 7 = |

Now ask the teacher to check your work