Collecting like terms 7

Simplify by collecting like terms

|  |  |
| --- | --- |
| -ab + 4ab – 3 = | 3a2 + 2a + 2a2 + 4a = |
| -2bc + 1 + 4bc = | 3a2 + 2a + 3a2 = |
| -bc +a + 5bc – 3a = | a2 + ab + 2a2 + ab = |
| -8a – bc – 2a – 3bc = | a2 + b2 + a2 + b2 = |
| -5ac + ab + ac – bc = | c2 + b2 + a2 + b2 = |

Now ask the teacher to check your work

Collecting like terms 8

Simplify by collecting like terms

|  |  |
| --- | --- |
| 2c2 + b2 + 3a2 + 2b2 = | 7ay2 + 2a + 2ay2 = |
| a2 + b2 - a2 + b2 = | 3ay2 + 4g - 2ay2 = |
| -y2 + b2 - y2 + b2 = | 2ay2 + 4a2 - 4ay2 + a2= |
| -y2 + b2 - y2 - b2 = | 3ay2 + 3a2 - ay2 + y2= |
| -2y2 - b2 - 3y2 + b2 = | 6xy2 + 4y2 – 9xy2 + y2= |

Now ask the teacher to check your work

Collecting like terms 9

Simplify by collecting like terms

|  |  |
| --- | --- |
| 2c2 + c3 + 3c2 + 2c3 = | ab3 + ab2 + ab4 + ab3 = |
| c2 + 2c3 + 3c2 + 2c2 = | ab4 + ab2 + ab4 – ab2 = |
| 2c2 + 3c3 - c2 + c3 = | a2b + a2b + ab3 + ab3 = |
| 2c2 + 3c3 - c2 + c3 + c = | a2b + 1 + a2b + 2 = |
| ab2 + ab2 + ab3 + ab3 = | 3a2b + 5 - 5a2b + 1 = |

Now ask the teacher to check your work