

**Medium**

4 (2x – 5)

1. 8x - 20
2. 3x + 12
3. 5x - 10
4. 15x - 10
5. 4q + 10

Found these easy so far? Do you and your teacher think you’ve got it? If you want more practice continue with **mild** - if not why not move onto **medium**?

1. 4 + 6x
2. 16p - 24
3. 3t - 12
4. 3x + 18
5. 9 – 3k

x (x + 7)

1. x² + 7x
2. 2y² - 4y
3. 6y² + 12y
4. p² - 15p
5. 8x² + 4xy

Found these easy so far? Do you and your teacher think you’ve got it? If you want more practice continue with **medium** - if not why not move onto **hot**?

1. x² - 6x
2. p² + 6p
3. y² + y
4. 2m² - m
5. 25y² - 5y

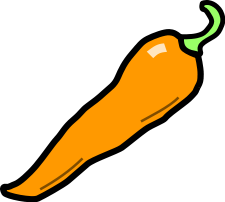
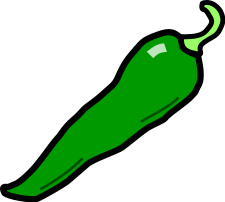
**Mild**

**Hot**



5x (2x – 3y)

1. 10x² - 15xy
2. 2x² - 4xy
3. 8x² + 4xy
4. 8y² - 24xy
5. 6y² - 9xy
6. 2p² - 4pw
7. 8mp – 12mp²
8. 14ab² – 21bc
9. 8x² + 10xy
10. 12x²y – 16x
11. 20y – 40y²
12. 6m³ - 3m²
13. 3p² + py
14. aq² - at
15. 20w²y + 24wy³
16. 20ac² + 30ac
17. wy² + w²y
18. 8ap + 12cp – 4p²
19. 9a² - 27ab
20. 25wy² + 5wy



4 (2x – 5)

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2. 3x + 12
3. 5x - 10
4. 15x - 10
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x (x + 7)

**Medium**

1. x² + 7x
2. 2y² - 4y
3. 6y² + 12y
4. p² - 15p
5. 8x² + 4xy

Found these easy so far? Do you and your teacher think you’ve got it? If you want more practice continue with **medium** - if not why not move onto **hot**?

1. x² - 6x
2. p² + 6p
3. y² + y
4. 2m² - m
5. 25y² - 5y

**Mild**

2y (y – 2)

3 (x + 4)

5 (x – 2)

6y (y + 2)

5 (3x – 2)

p (p – 3)

2 (2q + 5)

4x (2x – y)

2 (2 + 3x)

x (x – 6)

8 (2p – 3)

p (p + 6)

3 (t – 4)

6y (y + 2)

3 (x + 6)

m (2m – 1)

5y (5y – 1)

3 (3 – k)

**Hot**



1. 20y – 40y²
2. 6m³ - 3m²
3. 3p² + py
4. aq² - at
5. 20w²y + 24wy³
6. 20ac² + 30ac
7. wy² + w²y
8. 8ap + 12cp – 4p²
9. 9a² - 27ab
10. 25wy² + 5wy

20y (1 – 2y)

3m² (6m – 1)

p (3p + y)

a (q² – t)

4wy (5w + 6)

10ac (c + 3)

wy (y + w

4p (2a + 3c – p

9a (a – 3b)

5wy (5y + 1)

5x (2x – 3y)

1. 10x² - 15xy
2. 2x² - 4xy
3. 8x² + 4xy
4. 8y² - 24xy
5. 6y² - 9xy
6. 2p² - 4pw
7. 8mp – 12mp²
8. 14ab² – 21bc
9. 8x² + 10xy
10. 12x²y – 16x

2x (x – 2y)

4xy (2x + y)

8y (y – 3x)

3y (2y – 3x)

2p (p – 2w)

4mp (2 – 3p)

7b (2ab – 3c)

2x (4x + 5y)

4x (3xy – 4)