

Relay #1

1. $7xyz^2 + 3yz^2x - 12z^2xy$

2. $5x^4y - 9yx^4 + 2xy^4$

3. $3a^2b^3 + a^2b^3 - 8b^3a^2$

4. $6r^2s^3 + 4s^3r^2 - s^3r^2$

5. $4u^2v^4w - 7v^4wu^2 + 3wu^2v^4$

1. $\frac{-2xyz^2}{}$

2. $\frac{-4x^4y + 2xy^4}{}$

3. $\frac{-4a^2b^3}{}$

4. $\frac{5r^5s^3 + 4s^5r^3}{}$

5. $\frac{0}{}$

Relay #2

1. $(8a^2bc^5)(-3b^4a^6c^7) \quad -24$

2. $(2x^3y^2)^4(-3x^2y)^2 (16x^{12}y^8)(9x^4y^2)$

3. $(4m^3n)^2(3/8 m^4n^5) (2m^6n^2)(3/8 m^4n^5)$

4. $(r^3s^2t)^4(r^2t)^6 (r^{12}s^{20}t^8)(r^{12}t^6)$

5. $(2cd^5)^3(1/2 c^4d^7) \quad 8c^3d^{15}(1/2 c^4d^7)$

1. $\frac{-24a^8b^5c^{12}}{}$

2. $\frac{144x^{16}y^{10}}{}$

3. $\frac{6m^{10}n^7}{}$

4. $\frac{r^{24}s^{20}t^{14}}{}$

5. $\frac{4c^7d^{22}}{}$

Relay #3

1. $\frac{-5x^5y^2}{10xy^4} = \frac{-1x^4}{2y^2}$

2. $\frac{4a^{-3}b^6}{16a^2b^3} = \frac{b^3}{4a}$

3. $\frac{-21m^3n}{-7m^4n^2} = 3m^{-1}n^{-1}$

4. $\frac{-5r^8s^{-3}}{-15r^8s^2} = \frac{1}{3s^5}$

5. $\frac{24p^{-4}q^3}{-6p^2q} = \frac{4}{pq^4}$

1. $\frac{-1x^4}{2y^2}$

2. $\frac{b^3}{4a}$

3. $\frac{3m^{-1}n^{-1}}{}$

4. $\frac{1}{3s^5}$

5. $\frac{4}{pq^4}$