|  |  |
| --- | --- |
| 1. а⁶∙а⁷=
2. (зх)² =
3. у¹⁷:у⁵=
4. х² ∙ х⁸ : х =
5. (хуz)³ =
6. $\frac{а^{4}∙(а^{2})³}{(а^{5})²}$ =
7. (а+1)²∙(а+1)⁵=
8. $\frac{2²∙2³}{2⁴}$ =
9. ($\frac{1}{3}$)³ =
10. 1⁵ =
 | 1. z²∙ z¹⁵ =
2. (4а)³ =
3. а¹⁵ : а⁵ ∙ а =
4. (b²)³ =
5. (а b)⁹ =
6. $\frac{х^{7}:(х^{2})³}{х}$ =
7. (m-4)¹¹∙(m-4) =
8. $\frac{4²∙4⁶}{4⁷}$ =
9. ($\frac{1}{5}$)² =
10. 2³ =
 |

$1)\frac{\left(3^{2}\right)^{3}∙(3^{3})⁴}{(3∙3^{2})⁶}$ =

$2)\frac{\left(5^{5}\right)^{2}∙(5^{3})⁵}{(5 ∙ 5^{4})⁵}$ =

1. $\frac{\left(6^{8}\right)^{6}∙(6^{5})⁸}{(6 ∙6³)²}= $

2) $\frac{\left(4²\right)³∙(4⁵)²}{(4∙ 4²)⁵}= $

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| 1)(у²)²∙ (….)³=у¹⁰2)(а³)∙(….)² =4а⁷3)(….)² ∙ а¹⁸ = а²⁴4)(….)² ∙ с³ = с¹³5)р² ∙(….)³ = 27р¹¹6) (….)⁴ : а⁸ = а⁴7) а⁹: (….)³ = а³8) (р²)³ ∙ (….) = р⁷ | 1. (х²)³ ∙ (….) = х⁸
2. (р⁴)³ ∙ (….)² = р²⁴
3. (….)² : с³ = с⁵
4. (….)³ ∙ а⁶ = а⁹
5. (….)⁴ : а⁴ = 1
6. с² ∙ (….)²= 4с⁴
7. к⁵∙ (….)⁴ = к¹⁷
8. а⁶ ∙ а³ : (….) = а
9. р¹⁰ ∙ (….) = р¹²
 |

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| 1)((а³)⁴)⁵ ∙ а² = 2)((р⁷)³)² : р⁴ = 3)((а)²)³ ∙ (а)³ = 4)(х³)² ∙ х⁴ = 5)(х³ ∙ х⁵)⁴ = 6)х³ ∙ (х³)³ = 7)(х ∙ х⁵)⁵ =  | 1)(у³)² ∙ (у²)³ = 2)с¹⁰ : (с²)⁵ = 3)(у³ ∙ у)³ ∙ (у³ ∙ у)² = 4)(у⁶)² ∙ (у⁴ ∙у²)² = 5)(с² ∙ с)³ : (с³ ∙ с) = 6)(с³)⁷ : (с³) ⁶ = 7)(2а)⁵ ∙ а⁸ = 8)(у ∙ у⁹)³ =  |

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| 1. $\frac{16²}{2⁵}=$
2. $\frac{27⁴}{9⁵}=$
3. $7$¹⁵:(7⁵)²:7³ =
4. $\frac{3¹⁰∙7¹⁰}{21⁸}=$
5. $\left(\frac{2^{5}∙\left(2^{3}\right)^{4}}{2^{13}}\right)∙\left(\frac{2^{2}∙2^{4}}{2^{3}}\right)= $
 |
| 1. $\frac{27²}{3⁴}=$
2. $\frac{32}{2⁴}=$
3. $2^{8}∙\left(2^{3}\right)^{2}:2¹²=$
4. $\frac{20^{10}}{5^{10}∙4^{10}}=$
5. $\left(\frac{\left(5^{8}\right)^{2}∙5^{7}}{5^{22}}\right)∙\left(\frac{\left(6^{8}\right)^{3}∙6^{20}}{6^{43}}\right)= $
 |