Task card 1 Simplifying Monomial Fractions wit...

$$\frac{-3x^3\,y^2\,z^5}{9y^5\,z^2 \cdot 5x^5\,y^5\,z^2} = ___$$

Task card 2 Simplifying Monomial Fractions wit...

$$\frac{-4x^5\,y^3 \cdot 9y^4}{3x^3\,y^5\,z^3} = ___$$

Task card 3 Simplifying Monomial Fractions wit...

$$\frac{-4x^3\,z^2 \cdot 6x^5\,y\,z^3}{6xy^3\,z} = ___$$

Task card 4 Simplifying Monomial Fractions wit...

$$\frac{-3x^2\,z^4 \cdot 2x^5\,z^3}{5x^2\,y^2\,z^5} = ___$$

Task card 5 Simplifying Monomial Fractions wit...

$$\frac{-6a^5}{9ac \cdot 9a^3\,b^2\,c} = ___$$

Task card 6 Simplifying Monomial Fractions wit...

$$\frac{m^2\,n^4}{-7n^5\,p^5 \cdot 3n^5} = ___$$

Task card 7 Simplifying Monomial Fractions wit...

$$\frac{-2n^2\,p \cdot 9m^3\,n^2}{9mn^5} = ___$$

Task card 8 Simplifying Monomial Fractions wit...

$$\frac{-2z^3}{2xz \cdot 9x^5\,y\,z^3} = ___$$

Task card 9 Simplifying Monomial Fractions wit...

$$\frac{2a^5\,b^2\,c^4 \cdot 5ab^3\,c}{-5a^5\,b^5\,c \cdot 5a^3\,b^4} = ___$$

Task card 10 Simplifying Monomial Fractions wit...

$$\frac{4x^5\,y^2\,z \cdot x^4\,y^3\,z}{-5x^2\,y^5\,z \cdot 2x^5\,y^2} = ___$$

Task card 11 Simplifying Monomial Fractions wit...

$$\frac{mn^3 \cdot 8m^4\,n^2\,p}{-9m^3\,n\,p^5 \cdot 2m^5\,p^5} = ___$$

Task card 12 Simplifying Monomial Fractions wit...

$$\frac{-2a^2\,b^5\,c \cdot 2c^5}{6b^3 \cdot 5a^5\,b^4} = ___$$

Task card 13 Simplifying Monomial Fractions wit...

$$\frac{6m^3\,n\,p^2 \cdot 7n}{-8m^2\,n\,p^5 \cdot 9n^3\,p^5} = ___$$

Task card 14 Simplifying Monomial Fractions wit...

$$\frac{-8np^5 \cdot 6m^4\,p^5}{4m^4\,n \cdot 7m^4\,n\,p} = ___$$

Task card 15 Simplifying Monomial Fractions wit...

$$\frac{2x^2\,z^4 \cdot 9x^2\,z^2}{-x^4\,y\,z^5 \cdot 9x^3\,z} = ___$$

Task card 16 Simplifying Monomial Fractions wit...

$$\frac{-8xyz^2 \cdot 7xy^5\,z^4}{3y^5\,z^5 \cdot 9x^2\,y^2\,z^5} = ___$$

Task card 17 Simplifying Monomial Fractions wit...

$$\frac{-9m^5\,n^2\,p^4}{m^2\,p^5 \cdot 8m^5\,n^3} = ___$$

Task card 18 Simplifying Monomial Fractions wit...

$$\frac{-6y^3}{3x^4\,y^2\,z^4 \cdot 5x^5\,y^4\,z^4} = ___$$

Task card 19 Simplifying Monomial Fractions wit...

$$\frac{-7m^2\,n^3 \cdot 4n^5\,p^2}{7n^4\,p^4} = ___$$

Task card 20 Simplifying Monomial Fractions wit...

$$\frac{5mn \cdot 5mn^2\,p^4}{-4m^3\,n^4} = ___$$

Task card 21 Simplifying Monomial Fractions wit...

$$\frac{m^3\,n^3\,p^2}{-4m^4\,n^2 \cdot 3m^4\,p^5} = ___$$

Task card 22 Simplifying Monomial Fractions wit...

$$\frac{7m^3\,n\,p}{-7m^2\,n^2\,p^3 \cdot 5m^2\,n^4\,p} = ___$$

Task card 23 Simplifying Monomial Fractions wit...

$$\frac{7x^4\,z^2}{-8xy^4 \cdot z^5} = ___$$

Task card 24 Simplifying Monomial Fractions wit...

$$\frac{9x^4\,y^2}{-6xy^2\,z^3 \cdot y^2} = ___$$

Simplifying Monomial Fractions with Products Task Cards

Recording sheet · Grade 8 · Simplify. Multiply first, then divide. Use positive exponents only. Type a fraction with brackets around the bottom, like 1/(6x^3 y^2).

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Simplifying Monomial Fractions with Products Task Cards: Answer Key

Grade 8 · Hard

The answers online

1. $-\frac{z}{15x^2 y^8}$

2. $-\frac{12x^2 y^2}{z^3}$

3. $-\frac{4x^7 z^4}{y^2}$

4. $-\frac{6x^5 z^2}{5y^2}$

5. $-\frac{2a}{27b^2 c^2}$

6. $-\frac{m^2}{21n^6 p^5}$

7. $-\frac{2m^2 p}{n}$

8. $-\frac{1}{9x^6 y z}$

9. $-\frac{2c^4}{5a^2 b^4}$

10. $-\frac{2x^2 z}{5y^2}$

11. $-\frac{4n^4}{9m^3 p^9}$

12. $-\frac{2c^6}{15a^3 b^2}$

13. $-\frac{7m}{12n^2 p^8}$

14. $-\frac{12p^9}{7m^4 n}$

15. $-\frac{2}{x^3 y}$

16. $-\frac{56}{27yz^4}$

17. $-\frac{9}{8m^2 n p}$

18. $-\frac{2}{5x^9 y^3 z^8}$

19. $-\frac{4m^2 n^4}{p^2}$

20. $-\frac{25p^4}{4mn}$

21. $-\frac{n}{12m^5 p^3}$

22. $-\frac{1}{5mn^5 p^3}$

23. $-\frac{7x^3}{8y^4 z^3}$

24. $-\frac{3x^3}{2y^2 z^3}$