

Algebraic Notation *fluency*

 Simplify

1 $a \times 3$

2 $5 \times m$

3 $2 \times x \times 4$

4 $p \times 7$

5 $3 \times k \times 2$

6 $n \times 1$

 Simplify

7 $x \times y$

8 $a \times a$

9 $3 \times p \times q$

10 $m \times 4 \times n$

11 $y \times y \times y$

12 $t \times 2 \times t$

 Simplify

13 $2a \times 3$

14 $4m \times 5n$

15 $3x \times 2y$

16 $6p \times p$

17 $2a \times 3a$

18 $5k \times 2k \times k$

 Simplify. Write any division as a fraction.

19 $\frac{6a}{2}$

20 $\frac{12x}{3}$

21 $\frac{6m}{2m}$

22 $\frac{10xy}{5x}$

23 $\frac{x^2}{x}$

24 $\frac{8p^2}{4p}$

 Simplify

25 $a \times a \times a \times a$

26 $2x^2 \times 3x$

27 $3m \times m^2 \times 2$

28 $(4y)^2$

29 $x^2 \times y \times x$

30 $2a \times 3c \times 4ac$