

ACTION

RESPONSE

Fluency



1) $y^4 \times y^2$

4) $2y^2 \times 5y^5$

7) $(y^4)^5$

2) $by^3 \times by^3 \times by^3$

5) $5y^3 \times 10y^4$

8) $(3y^4)^2$

3) $y^6 \times y^{1/2}$

6) $3by^3 \times 2b^2y \times 5b^3y^2$

9) $(2y^5)^3$

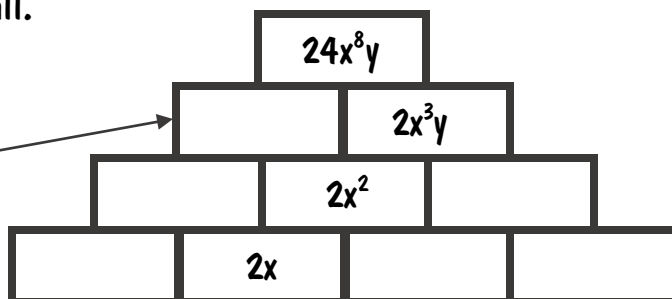
Simplify:

Reasoning



The term in each brick wall is found by multiplying together the two terms in the bricks underneath. Copy and complete the wall.

Hint: This brick is found by doing $24x^8y \div 2x^3y$



Problem Solving



Fill in the boxes to make all five expressions equivalent.

$\frac{\square^{\square} \times \square^{\square}}{2^3}$

$\frac{\square^{\square} \times \square^{\square}}{2^{\square} \times \square^{-2}}$

$2^5 \times 3^4$

\square

$\square^{\square} \times \square^{\square} \times 18$



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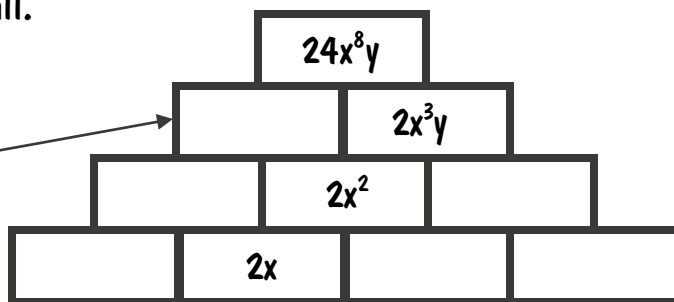
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